



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagamal Campus
S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2023-2024 Odd semester

VALUE ADDED COURSE

On

DATA ANALYTICS AND VISUALIZATION USING POWER BI

2021-2025 Batch Students

III CSE & III ADS

No of Participants: 36

Deviya
17/11/2023
K. S. Hemaswathi
COURSE COORDINATOR

Mrs.S. Athilakshmi AP - CSE

Mrs.S.Hemaswathi AP - CSE

Meenakshi
HOD - CSE

Dr. A. Meenakshi

Prof - CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2023-2024 Odd semester

Guidelines for Value Added Courses:

1	Academic Year	:2023-2024
2	Regulations	:R2021
3	Department Name	: Computer Science and Engineering
4	Name of the Value - Added Course	: Data Analytics and Visualization Using Power BI
5	No of Credits	: 2
6	Category	Theory/Lab/Hands-on/Skill based etc.
7	Name and Details of the Joint - Organization (Industry/NGO etc) if any	Brainswig EduTech Pvt. Ltd.
8	Resource Person Details:	Dr.R.Dinesh Babu, Managing Director, Brainswig EduTech Pvt. Ltd.
9	Three Member Committee Details	Dr.R.Muthuselvi Dr.P.Praveen Kumar Dr.G.Nirmala
10	VAC Coordinator Details	Mrs.S.Athilakshmi Mrs.S.Hemaswathi
11	Duration (30H Mandatory)	45 Hours
12	Period(From- To)	31.07.23 to 05.08.23 (6 Days)
13	Venue	Modern Application Development Lab

Course Coordinators

HoD-CSE

DEAN Academics

R.V. - Dean
25/7/23



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Industry Certified Value Added Course

on

DATA ANALYTICS AND VISUALIZATION USING POWER BI

31-07-2023 to 05-08-2023

Enclosures:

S.No.	Checklist	Availability
1	Institutional approval copy	✓
2	Circular	✓
3	Syllabus copy with Course Outcomes	✓
4	BoS Approval	✓
5	Minutes of Three member Committee	✓
6	Geo-tagged Photos	✓
7	Certificate of all participants	✓
8	Examination Schedule	✓
9	Question and Answers	✓
10	Attendance Sheet	✓
11	Evaluated Answer sheet	✓
12	Test Report	✓
13	Mark Statement	✓
14	Grade Sheet	✓
15	Feedback form	✓
16	Feedback Analysis and Report	✓
17	Program Summary / Report	✓
18	Student's Oral Feedback(Recorded Video)	✓
19	VAC –Short Video	✓
20	Settlement to	

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY



(An Autonomous Institution - Affiliated to Anna University, Chennai)

S.P.G. Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701, (Near Virudhunagar), Madurai District.

Submitted to the SECRETARY for approval through the PRINCIPAL

Book No.

CSE

Date 12/6/23

SL.No. 95

Approval may please be granted to conduct a Value Added Course (VAC) for III CSE & ADS students.

Date : 10/7/23 to 15/7/23 ; Training Hours : 45 Hours.
[6 DAYS]

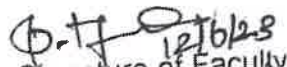
Enclosed Quotation : Fees/Student : Rs : 2000/-

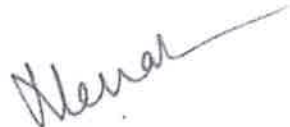
Course Name : "Data Visualization with Power BI Hands on training"

Name of the Industry offering : Brainswig EduTech Pvt. Ltd, Chennai

Contact Person : Mr. Pinesh Babu R.

Food and accomodation for the resource person has to be provided from our college during the training period.
(6 days)


Signature of Faculty
(S. HEMASWATHI)


HOD


PRINCIPAL

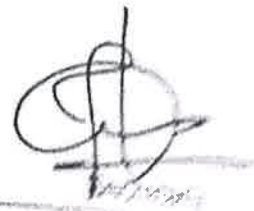
OFFICE USE

Value Added Course Exp.

- 1) Account Head
- 2) Budget allotted
- 3) Amount committed / Spent sofar
- 4) Balance available

OM

Treasurer





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S.P.O.C. Nagar, K.Vellakulam - 025 701 (Near VIRUDHUNAGAR).

Department of Computer Science and Engineering

VALUE ADDED COURSES

Circular

The Department of Computer Science and Engineering is planned to organize the following value added courses associated with the industries for third year B.E. CSE and B.Tech ADS during 31-07-23 to 05-08-23.

Objective:

- To build technical skill of the students

Course Outcome:

- Able to enhance the technical knowledge through which the students will fine-tune their career prospect, improve preparedness for campus placement and gain competitive edge.

The following course are planned to be conducted.

S.No	Date	Name of course
1	31-07-23 to 05-08-23	Figma
2	31-07-23 to 05-08-23	React JS
3	31-07-23 to 05-08-23	Angular JS
4	31-07-23 to 05-08-23	Flask
5	31-07-23 to 05-08-23	Power BI


VAC Coordinator's


HoD-CSE

Re: Act as a Resource Person - Requisition - reg

Brainswig Edutech Pvt Ltd <brainswig@gmail.com>

Thu 6/8/2023 8:34 AM

To:Athilakshmi.S <athilakshmicse@kamarajengg.edu.in>

Cc:HEMASWATHI.S <hemaswathicse@kamarajengg.edu.in>;HODCSE <hodcse@kamarajengg.edu.in>

📎 2 attachments (223 KB)

Kamaraj College Madurai Quotation - June 2023.pdf; Kamaraj College Planner.xlsx;

Good Afternoon Mam,

I wish to take the value added course on **Data Visualization with Power BI session**. And, I attached the course planner and Quotation in this mail for your reference.

Below mentioned link for Software Download,

<https://www.microsoft.com/en-us/download/details.aspx?id=45331>

Thanks and Regards,

Dinesh Babu R

On Thu, Jun 8, 2023 at 1:06 PM Athilakshmi.S <athilakshmicse@kamarajengg.edu.in> wrote:

Dear Dr. Dinesh,

Greetings from Kamaraj College of Engineering and Technology. In our CSE department, we planned to conduct Value Added Course on "**Data Visualization with Power BI**". We feel happy if you are accepting our request and give your hands-on training in this domain to our students.

Duration - 6 Days - 45 hours

Time - 3 sessions per day

Session 1 - (09:10 am to 10:50 am) ,

Session 2 - (11:10 am to 12:50 pm),

Session 3 - (01:30 pm to 04:00 pm)

Date - 10/07/2023 to 15/07/2023

(Monday to Saturday)

Participants - Third-year CSE and ADS students (Maximum of 35 students)

In this regard, we request you to kindly send the following requirements based on your convenience to execute this programme smoothly

1. Software and hardware requirements including OS preference
2. Training amount per student (quotation)
3. Session plan (Days wise Topics covered)

(Handwritten signatures)
S. Athilakshmi
S. Hemaswathi

4. Assessment test plan (MCQ for internal assessment)

5. Project presentation plan(Projects for external assessment)

We are eagerly waiting for your positive reply. Thank you.

Regards

S. Athilakshmi & S.Hemaswathi

Coordinators - Data Visualization with Power BI

Thanks & Regards,


Dr. DineshBabu.R

Managing Director

+91 9626201705 | +91 4448608628

 <https://www.facebook.com/brainswig91/>

 <https://www.linkedin.com/in/dinesh-babu-717a0a142/>

 https://www.instagram.com/brainswig_edutech/?hl=en



QUOTATION TO:

The CSE Department,
KAMARAJ COLLEGE OF ENGINEERING &
TECHNOLOGY
S.P.G.Chidambara nadar,
C.Nagammal Campus
S.P.G.C. Nagar,
K.Vellakulam -625 701

QUOTATION DETAILS



QUOTE NO: BSQUO832
QUOTE DATE: 8th June ,2023

Name of the Course	No of Students	Training Fee (incl TDS)	Total (INR)
Data Analytics and Visualization Using Power BI – Hands-on Training <i>Note: For 3rd Year CSE and ADS Students –45 Hrs</i>	35	2,000 INR (per Student)	70,000
		Total	70,000

Amount Chargeable (in words): Seventy Thousand only.

Declaration

We declare that this Quotation shows the actual price of the service described and that all particulars are true and correct

Customer's Seal and Signature 	for Brainswig Edutech Pvt Ltd For BRAINSWIG EDUTECH PRIVATE LIMITED  Dinesh Babu R Authorized Signatory
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If you have questions about this Quotation: Contact Us: +91-4448608628

THANK YOU FOR YOUR BUSINESS!!!



BRAINSWIG®
feel the pulse of learning

INVOICE

INVOICE TO:

The Head of the Department,
Department of Computer Science and
Engineering,
KAMARAJ COLLEGE OF ENGINEERING &
TECHNOLOGY,
S.P.G.Chidambara Nadar, C.Nagammal
Campus
S.P.G.C. Nagar, K.Vellakulam-625 701

INVOICE DETAILS:

INVOICE NO : BSINV0898
INVOICE DATE : 5th August,2023

Name of the Course	No of Students	Training Fee(incl TDS)	Total (INR)
Data Analytics and Visualisation Using Power BI – Hands-on Certificate Course	35	2,000 INR (per Student)	70,000
Note: For 3 rd Year CSE and ADS Students –45 Hrs			
Total			70,000

Amount Chargeable (in words): Seventy Thousand Rupees only.

Company's Account Details	
Company's PAN. : AAGCB8758H	Account Name : Brainswig Edutech Pvt Ltd, Chennai
Company's CIN : U80301TN2016PTC104763	Account Number : 201001257954
Company's DIN : 07353869	IFS Code : INDB0000388
Make all cheques payable to, Brainswig Edutech Pvt Ltd, Chennai	

Declaration

We declare that this invoice shows the actual price of the service described and that all particulars are true and correct



for Brainswig Edutech Pvt Ltd

For BRAINSWIG EDUTECH PRIVATE LIMITED

R. Dinesh Babu R
Director.

Dinesh Babu R

Authorized Signatory

If you have questions about this invoice: Contact Us : +91-4448608628

THANK YOU FOR YOUR BUSINESS!!!

BRAINSWIG EDUTECH PVT LTD

(Approved By Ministry Of Corporate Affairs, Government of India)

An ISO 9001:2015 Certified Company

#12-1st Floor, Saltram Nagar, Madhavakkam.

Chennai - 600100.

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+91 4448608628

brainswig@gmail.com

www.brainswig.com



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COLLEGE OF ENGINEERING & TECHNOLOGY



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25 YEARS OF DEDICATED SERVICE IN TECHNICAL EDUCATION

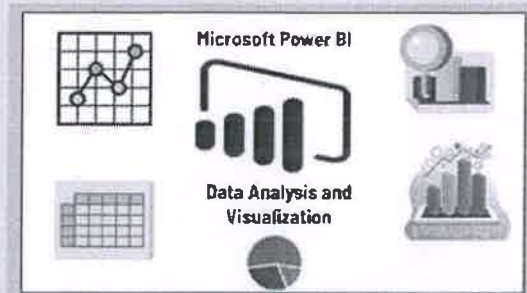
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



*Six-Days
Value Added Course on*

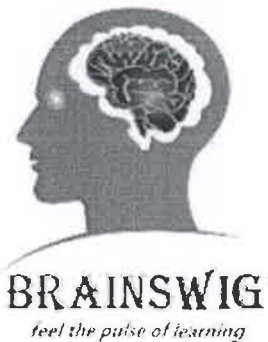


“DATA ANALYTICS AND VISUALIZATION USING POWER BI”



DATE : 31-07-2023 to 05-08-2023

PARTICIPANTS : III ADS & CSE



RESOURCE PERSON

Dr. R. Dinesh Babu,

Managing Director, Brainswig Edutech Pvt. Ltd., Chennai

CO-ORDINATORS

Mrs. S. Athilakshmi, AP-CSE

Mrs. S. Hemaswathi, AP-CSE

CONVENOR

Dr. A. Meenakshi, Prof. & HoD-CSE



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Course

on

“DATA ANALYTICS AND VISUALIZATION USING POWER BI”

31-07-2023 to 05-08-2023

OBJECTIVES:

To enable the students to

- Build the data model for real-world applications with visualization reports.
- Create an interactive dashboard with multiple worksheets.
- Apply the knowledge of grouping and clustering to real-world applications.
- Design the regression models with filters and prediction methods.
- Understand the BI DAX commands and functions

Unit 1 Data Visualization

Connecting Power BI to a Data File - CSV File - Navigating Power BI
- Drilling down and up in hierarchies - Advanced drilling in hierarchies -
Adding Colors - Adding A Calculated Column - Adding Labels and Formatting.
Power BI - Data Visualization - Data Visualization - Introduction to
Visualization - Line Plots and Bar Charts - Pie Chart and Histogram - Scatter
Plots and Parallel Coordinates - Advanced Plotting - Exporting Plots and Other
Plotting Packages Bar chart-Connecting Power BI to a Data File - CSV File-
Navigating Power BI - Creating Calculated Fields - Adding Colors-Adding
Labels and Formatting - Exporting Your Worksheet - Time series, Aggregation,
and Filters. **Power BI - Time series and Aggregation and Filters** -
Downloading and connecting to the dataset - Working with time series -
Understanding aggregation and granularity - Creating an area chart & learning
about highlighting - Filters and Slicers. **Power BI Dashboard Creation** -
Joining Data - Creating a Map, Working with Hierarchies - Joining Dashboard
Advanced Dashboard Interactivity

Unit 2 Dashboard and Story Line Creation

Power BI Storyline Creation - Joining and Blending Data, PLUS: Dual Axis Charts-Creating Bins - Tree Map Chart-Customer Segmentation Creating a Storyline - Creating a Map, Working with Hierarchies - Creating a Scatter Plot, Applying Filters to Multiple Worksheets - Let's Create our First Dashboard! - Adding an Interactive Action using Filter **Power BI - Maps, Scatterplot and Interactive Dashboard** - Joining data in Power BI - Understanding how LEFT, RIGHT, INNER, and OUTER joins work - Joins with duplicate values - Joining on multiple fields - Creating a map, working with hierarchies, lats and lons - Power BI: Calculated Columns vs Calculated Measures - Creating a scatter plot - Combining charts, filters and slicers - Adding a Donut Chart. **Power BI - Creating an Interactive Power BI Dashboard** - Mapping: How to Set Geographical Roles - Creating Table Calculations for Gender - Creating Bins and Distributions for Age - Creating Bins and Distributions for Balance - How to create a Tree map chart - Creating a Customer Segmentation Dashboard - Controlling Report Interactivity - Analyzing the Customer - Segmentation Dashboard

Unit 3 Grouping and Clustering

Power BI - Advanced Data Preparation - What Format Your Data Should Be In - Data Interpreter and Pivot - Splitting a Column into Multiple Columns - Metadata Grid - Fixing Geographical Data Errors in Power BI - Hierarchical Clustering Using Power BI Software and K-Mean Clustering Using Power BI Software. **Power BI - Creating Custom Territories via Grouping** - Un Grouping and Comparison of Region - Creating custom Territories via Geographical Roles - Adding Highlighters using Details Box and Legends - Joining and Blending Data, PLUS: Dual Axis Charts - Understanding how LEFT, RIGHT, INNER, and OUTER Joins Work - Joins with Duplicate Values - Joining on Multiple Fields - The Showdown: Joining Data vs. Blending Data in Power BI - Data Blending in Power BI and Dual Axis Chart - Creating Calculated Fields in a Blend (Advanced Topic). **Cluster Analysis using Power BI** - Cluster Analysis Introduction - Statistics associated with Cluster Analysis - Conducting Cluster Analysis - Classification of Clustering Procedure - Hierarchical Clustering - Non Hierarchical Clustering - Clustering In Power BI and Cross-Database Joins - Modelling With Clusters - Saving Your Clusters - New Design Features and New Mobile Features

Unit 4 Regression, Group and Sets

Power BI and SQL Integration - Get all your data into SQL Server - Connect Power BI to SQL Server - Create a new report in Power BI Desktop - Publish the Report to the Power BI Service - Configure the dataset settings - Configure the refresh interval - Ensure the data is up to date – Summary. Power BI Front End Application Development - Multiple Sheets - Data Interpreters - Merge Mismatched Fields - Applying the filters in Data Source - Step Up Charts - Jump Up Charts - County - Mapping Layers - ToolTip Dashboard. **Power BI Prediction Algorithm-** Linear Regression Analysis - Formulation of Regression Model - Bivariate Regression - Statistics Associated with Bivariate Regression Analysis - Conducting Bivariate Regression Analysis - Multiple Regressions - Conducting Multiple Regression - Mapping Bivariate Regression with Real Time Example

Unit 5 Data Analytics

Power BI - Leveraging Custom Visuals –The Challenge: Visualizing the European Debt Crisis - Installing a Custom Visual for Power BI - Mechanics of a Chord Chart - Setting up the second Chord Chart - Adding Tree maps. **POWER BI integrated with Data Analytics Expressions** - Data Analytics Expressions 101 - DAX vs. M Languages - Intro to DAX Calculated Columns - Intro to DAX Measures - Implicit vs. Explicit Measures - RECAP: Calculated Columns vs. Measures - PRO TIP: Dedicated Measure Tables - Understanding Filter Context - DAX Syntax & Operators - Common DAX Function Categories - Basic Math & Stats Functions - Counting Functions. **Power BI Integrated with SQL Database** - Why Combining SQL and Power BI is useful.

Total: 45 Hours

OUTCOMES:

Upon successful completion of the course, students will be able to

CO1: Design a data model by using Power BI desktop layouts, BI reports, and dashboards

CO2: Infer the knowledge for competing edge in creating customized visuals and deliver a reliable analysis of vast amount of data using Power BI

CO3: Apply suitable classification and clustering algorithms for an application

CO4: Build the regression models to real time applications

CO5: Learn how to experiment, fix, prepare and present data quickly and easily

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Department of Computer Science and Engineering

Date: 22.07.2023

**MINUTES OF THE PROGRAM ASSESSMENT COMMITTEE MEETING HELD ON
22.07.2023 from 10:30 a.m to 11.30 a.m**

**Venue: Dr(Capt)M.Palaniappan Thenammal & Dr.P.Nithiyam MDS Memorial
Charitable Trust Conference Hall-I**

Program: B.E (CSE)

Program Assessment Committee Members

S.No.	Capacity of the Member in the Committee	Name	Designation & Address / Class & Year
1	Convener	Dr.A.Meenakshi	Professor & Head, Department of CSE, Kamaraj College of Engineering and Technology.
2	Program Coordinator -CSE	Dr.R.Ramya	Associate Professor, Department of CSE, Kamaraj College of Engineering and Technology.
3	NBA Coordinator	Dr.R.Muthuselvi	Professor, Department of CSE, Kamaraj College of Engineering and Technology.
5	Member – Associate Professor Level	Dr.A.Anandh	Associate Professor, Department of CSE, Kamaraj College of Engineering and Technology.
6	Member – Assistant Professor Level	Mrs.K.Muthulakshmi	Assistant Professor, Department of CSE, Kamaraj College of Engineering and Technology.
7	Student representatives	Mr.S.Venkatesh	IV CSE A
		Ms.S..Sri Mathi	IV CSE B
		Mr.C.Rishikesh	III CSE A
		Mr.R.Manojkumar	III CSE B
		Ms.Bhuvaneswari.D	II CSE A
		Ms.Rohinipandi.M	II CSE B
		Mr.Shyamvishaal.K.P	II CSE C
8	Academic Professional	Dr.E.Srie Vidhya Janani	Assistant Professor & HOD (i/c), Department of CSE, Anna University of Technology, Anna University Regional Campus, Madurai
9	Industrial Professional	Mr.S.Avinash	Co-founder, Chief Executive Officer (CEO) & Trainer, Incrix Techlutions LLP, Kovilpatti.

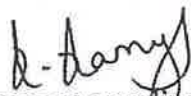
10	Parent representative	Mrs. E. Emimal Victoria	Assistant Professor (Zoology), Sri Meenakshi Govt. Arts College for Women, Madurai M/O. B.Joy Sharon, 22UCS059, II CSE B
11	Alumni Representative	Mr. N.S.Ajith Kumar	TCS, Chennai (2016 – 2020 Batch)


Proceedings

Agenda No.	Agenda	Points Discussed
1.	Welcome Address & Introduction of members	Dr. A. Meenakshi welcomed the gathering and thanked the members for their participation. The members were introduced.
2	Overview of the Department	Department history, intake, admission and infrastructure details were shared. The convener shared the domain expertise of the faculty members also.
3	Vision, Mission, PEOs, PSOs	Vision, Mission, PEOs, PSOs, POs of the department were presented. The committee members approved Vision, Mission, PEOs, and PSOs.
4	Follow up Actions of last academic year	<ul style="list-style-type: none"> • As per Ms.P Shivani's suggestion, the students are motivated to participate in various project competitions and Hackathons and Hands-on using Skill rack is also provided to the students. • As per Dr.Alageswaran's suggestion, students and project guides are given the choice to opt for either conference or journal publication. • Dr.R.Murali Kannan suggested to fix the targets based on the achieved targets of previous batches. It is followed for the current batches. • As per Mr.S.Avinash's suggestion, the topics related to industry 4.0, leadership skill and entrepreneurship skill are included in the curriculum. The students are also encouraged to identify the local domain of their interest. • As per Mr.C.Rishikesh's suggestion, senior and junior students are grouped together to participate. Additionally, alumni engagement is intensified. • Dr.S.Devi Mahalakshmi suggested giving credit transfer or course equivalence for NPTEL courses instead of mandatory credits. In R2021, it is provided as credit transfer and not as mandatory credit. • Entrepreneur skill is included in Institutional level verticals as per Mr.V.Ohm Vignesh's suggestion.
5	Department level – Significant achievements	<ul style="list-style-type: none"> • Re-accreditation by NBA-AICTE for 3 years, Recognition as Research department by Anna University, Establishment of • KAMARAJ TechnoPark KAMARAJ Incubation Centre are the important achievements. • 9 MoUs were signed with various companies. • Centre of Excellence for CISCO Networking Academy and Centre of Excellence for Cloud were launched. • A 3 day FDP on "AWS on AI & ML" is conducted with 60 Logins for accessing AWS cloud service on AI & ML provided by Nuvepro • 805 certificates were obtained by the students.

6	NPTEL Course Details	<ul style="list-style-type: none"> • NPTEL courses completed in the year 2022-23 were presented. • The following NPTEL course are planned for 2022-23: <ul style="list-style-type: none"> ○ Cloud Computing ○ Introduction to Internet of Things ○ Soft Skills
7	Industry visits	<ul style="list-style-type: none"> • The details of industries visited in the previous year – batch wise were displayed. The members analyzed the effectiveness and impact of industrial visits.
8	Department Activities	<ul style="list-style-type: none"> • The various events organized through department association, ISTE and CSI were presented. • Convener proudly shared the student's achievement for the year 2022-23. • The value added courses organized for the academic year 2022 - 23 were presented. The convener also shared the value added courses planned for 2023-24. The following are the courses: <ul style="list-style-type: none"> ✓ Figma (UI Tool) ✓ Flask (Python Based Web Development Framework) ✓ Angular JS (Open Source Model View Controller (MVC) Framework) ✓ React JS (Open Source Java Script (JS) Framework) ✓ Power BI(Microsoft Data Visualization software) The committee members were satisfied with these courses. • Student's internship details were presented. • The placement details of the department's previous batches were displayed. The training activities given for the students (yearwise) were also presented. • The significant students' achievements were presented.
9	Student Achievements	<ul style="list-style-type: none"> • Students' participation and Achievements in various competitions like Symposiums, NCC training, Paper Presentation, talk Shows, Sports Events during 2022- 2023 were presented.
10	Faculty Achievements	<ul style="list-style-type: none"> • FDP, Skill development courses attended by the faculty members were displayed. • The faculty research and development activities were also displayed. • The products developed and maintained by the faculty members and students were presented. • Faculty members' publications, Patents, Copyrights were presented. • Research proposals for which the funds granted to faculty members were presented. • Awards received by faculty members were displayed. • The increase in proposal submissions by the faculty members was also highlighted.
11	Assessment pattern	<ul style="list-style-type: none"> • The details of internal and external assessment for R2020 and R2021 were presented.
12	Course Level Target/ Attainment levels fixation	<ul style="list-style-type: none"> • The target levels for the attainment of COs & POs for the academic year 2023-24 was presented.

		<ul style="list-style-type: none"> • The course wise target level / Attainment was introduced and the list is given in the Annexure I. • The target level / Attainment of Co-curricular were also presented and the list is given in the Annexure II. • The committee members approved attainment process and target levels mentioned for 2023-24.
13	Result Analysis	<ul style="list-style-type: none"> • The results of various batches for the academic year 2022-23 were displayed. • The committee members appreciated the student's performance in the end semester examinations.
14	Instructional methods & pedagogical initiatives	<ul style="list-style-type: none"> • Best Practices followed by faculty in innovative Teaching methodology • Various Instructional methods adopted to improve student learning was displayed <ul style="list-style-type: none"> ✓ Poster presentation ✓ Role Play ✓ Demo ✓ Online Assignments ✓ Project based learning ✓ Collaborative online projects • The members are satisfied with the delivery methodologies.
15	Any other suggestions with the permission of the chair	<ul style="list-style-type: none"> • Dr.E.Srie Vidhya Janani congratulated the department for the various activities that were carried out. She advised to give the students exposure to start ups. • Mr. N.S.Ajith Kumar suggested improving the students' knowledge in fundamentals which will support in completing the projects. • Mr.S.Avinash appreciated the efforts taken by the department. • Mrs.P. Mrs. E. Emimal Victoria discussed on the outcome of the industry visits by the students.
16	Vote of Thanks	Dr. A. Meenakshi thanked all the members for their enthusiastic participation and the meeting came to an end.


 Programme coordinator-CSE


 HOD-CSE



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Velakulam - 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B.Tech. ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Academic Year 2023-2024

**MINUTES OF THE PROGRAM ASSESSMENT COMMITTEE MEETING HELD ON .
22.07.2023 from 11.30 PM to 12.30 PM**

**Venue: Dr(Capt)M.Palaniappan Thenammal & Dr.P.Nithiyam MDS Memorial
Charitable Trust Conference Hall-I**

Members Present

S.No.	Capacity of the Member in the Committee	Name	Designation & Address / Class & Year
1	Convener	Dr.A.Meenakshi	Professor & Head, Department of CSE, Kamaraj College of Engineering and Technology.
2	Program Coordinator – ADS	Dr.A.Anandh	Associate Professor, Department of CSE, Kamaraj College of Engineering and Technology.
3	NBA Coordinator	Dr.R.Ramya	Associate Professor, Department of CSE, Kamaraj College of Engineering and Technology.
4	Member –Professor Level	Dr.R.Muthuselvi	Professor, Department of CSE, Kamaraj College of Engineering and Technology.
5	Member – Associate Professor Level	Dr.P.Praveen Kumar	Associate Professor, Department of CSE, Kamaraj College of Engineering and Technology.
5	Member – Assistant Professor Level	Mrs.K.Indumathi	Assistant Professor, Department of CSE, Kamaraj College of Engineering and Technology.
6	Student representatives	Ms.P.Abhilakshmitha Ms.R.Sivani Ms.K.Sumithra	IV Year AI & DS III Year AI & DS II Year AI & DS
7	Alumni representative	Ms.M.Swarnamaliya	System Engineer, TCS, Siruseri, Chennai [2016-2020 Batch]
8	Member-Representing Parents	Mr.J.John Clement	Business, Madurai Father of Jerald Jesudasan. J, 20UAD002, IV ADS
9	Member - Representing the Industry	Mr.S.K. Sanjay Raj	Managing Director, Reccsar Private Limited, Madurai
10	Member - Representing the Academia	Dr.S.Devi Mahalakshmi	Associate Professor, Department of CSE, Mepco Schlenk Engineering College, Sivakasi

Proceedings


Agenda No.	Agenda	Points Discussed
1	Welcome Address & Introduction of members	<ul style="list-style-type: none"> • Dr.A.Meenakshi, the convener of this committee, welcomed the gathering and introduced the members. • She also thanked the external members for their presence in the meeting.
2	Overview of the Department	<ul style="list-style-type: none"> • Department history, intake, admission and infrastructure details were shared. • The convener shared the domain expertise of the faculty members also.
3	Vision, Mission, PEOs, PSOs	<ul style="list-style-type: none"> • Vision, Mission, PEOs, PSOs of the department were presented.
4	Follow up Actions of last academic year	<p>Suggestions of the previous meeting:</p> <ul style="list-style-type: none"> • To train the students in debugging skill • To maintain proper documentation for the product developed by the faculty members. • Credit transfer or course equivalence for NPTEL courses instead of mandatory credits. • Importance could be given to Entrepreneur skill and Hardware skills. • To organize many alumni interaction events which help the final year students to get placement. • Students are encouraged to take part in the hackathon conducted by central government. <p>Follow-up Action:</p> <ul style="list-style-type: none"> • Competitions are organized by programmer's club to enhance debugging skills. • User manual/Documentation is being maintained for all the products developed. • In R2021, it is provided as credit transfer and not as mandatory credit. • A new Institutional level verticals Entrepreneurship introduced. • Every year we offer hands-on demo session on hardware skills. • Alumni engagement is intensified. • The students are motivated to participate in various project competitions and hackathons. One team got selected for KAVACH 2023.
5	Department Achievements	<p>The following department achievements were presented:</p> <p>Re-accredited by NBA-AICTE for 3 years</p> <p>Received Research Centre Approval from Anna University</p>

		<p>KAMARAJ TechnoPark and KAMARAJ Incubation Centre launched which provides the opportunities for internship, placement, product development and bring entrepreneurs.</p> <p>Five MOUs signed during the academic year 2022 - 2023</p> <ul style="list-style-type: none"> • Nuvepro Technologies • Pruvity HR Solutions Private Limited, Madurai • HebeSec Technologies Private Limited, Karaikudi • Reccsar Private Limited, Madurai • Kevell Guru of Kevell Global Solutions LLP <p>Center for Excellence for Cloud with Nuvepro Technologies launched</p> <p>Center for Excellence for CISCO Networking Academy with CISCO launched</p> <p>Sixteen value added courses were conducted in association with industries</p> <ul style="list-style-type: none"> • Redhat Linux • Machine Learning with Scikit-Learn, Keras and Tensorflow • Spring Boot • Django Framework • Redhat Linux • Machine Learning with Scikit-Learn, Keras and Tensorflow • Spring Boot • Django Framework • MEAN Stack • MERN Stack • Data Visualization using Tableau • Devops • Advanced Java Programming • Ethical Hacking • Microsoft Azure Fundamentals • Django Frameworks • Data analytics using R Programming <p>Five value added courses planned for the forthcoming semesters and it was approved by the members of the committee members.</p> <ul style="list-style-type: none"> • Figma (UI Tool) • Flask (Python Based Web Development Framework) • Angular JS (Open Source Model View Controller (MVC) Framework) • React JS (Open Source Java Script (JS) Framework) • Power BI (Microsoft Data Visualization software) <p>All students have completed the winter / summer internship from various industries which are approved by the three members committee.</p>
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		<p>Students completed the NPTEL courses and/or industry certification courses from CCNA, CISCO, Google Cloud, UiPath-RPA, and Infosys Springboard</p> <p>Industrial visit arranged for the II, III and IV years students in the following industries:</p> <ul style="list-style-type: none"> • KSIC Silk Weaving Factory, Mysore • Technologies Global Pvt. Ltd. • Electronics Test & Development Centre • Parle Biscuit • KSIC Silk Weaving Factory, Mysore • Technologies Global Pvt. Ltd. • Networkz System
6	Department Activities	<ul style="list-style-type: none"> • The various events organized through department association, ISTE and CSI were presented. • The placement details of the department's previous batches were displayed. The training activities given for the students (year wise) were also presented. • The value added courses organized for the academic year 2022 - 23 were presented. The convener also shared the value added courses planned for 2023-24. • Student's internship details were presented. • FDP, Skill development courses attended by the faculty members were displayed. • The faculty research and development activities also displayed. • The product developed and maintained by the faculty members and students are displayed.
7	Student Achievements	<ul style="list-style-type: none"> • Convener proudly shared the students achievement for the year 2022-23. • Students participated and won many prizes from various technical events, hackathons, project competition and techno vision.
8	Faculty Contribution	<ul style="list-style-type: none"> • Convener presented faculty members proposal submitted, sanctioned, pattern published, copyright published, journal published, and conference presented information. • Faculty members industrial training details presented • Best Practices followed by faculty members in innovative Teaching methodology were presented.
9	Assessment Pattern	<ul style="list-style-type: none"> • Convener presented the assessment pattern of R2020 and R2021
10	Course Outcome and Program Outcome Attainments	<ul style="list-style-type: none"> • Convener presented the attainment measurement tools for PO/PSO assessment. • The committee members satisfied with attainment tools and procedures.
11	Result Analysis	<ul style="list-style-type: none"> • The results of various batches for the academic year 2022-23 were displayed. • The committee members appreciated the students performance in the end semester examinations.
12	Course Level	<ul style="list-style-type: none"> • The target levels for the attainment of COs & POs for

	Target Attainment levels fixation	<p>the academic year 2023-24 were presented.</p> <ul style="list-style-type: none"> • The course wise target level / Attainment was introduced and the list is given in Annexure I. • The target level / Attainment level of Co-curricular were also presented and the list is given in Annexure II. • The committee members approved attainment process and target levels mentioned for 2023-24.
13	Short term and Long term goals	<ul style="list-style-type: none"> • Convener presented the short term and long term goals of the department.
14	Any other suggestions with the permission of the chair	<ul style="list-style-type: none"> • Ms.M.Swarnamaliya informed to train the students in automation tools which may be much useful for the students those who are not interested in programming. She is also suggested to measure the outcome of the other courses conducted. • Dr.S.Devi Mahalakshmi appreciated all the efforts taken by the department. • Mr.S.K.Sanjay Raj suggested the following: <ul style="list-style-type: none"> ○ All the students should know the fundamental concepts. Measures should be taken for the same. ○ Students should carry out the projects up to the industrial standard and also make sure all the team members should know all the aspects of the project. ○ To get financial support for certification. ○ Students should be motivated to start a start-up through government schemes.
15	Vote of Thanks	<ul style="list-style-type: none"> • Dr.A.Meenakshi thanked all the members for their enthusiastic participation and the meeting came to an end.


Programme coordinator-ADS


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Department of Computer Science and Engineering

VALUE ADDED COURSES - Minutes

Value Added Courses are very important to bridge the gap between the academic and industry needs. These courses which help a particular individual to develop their own skills in their chosen field of the study are conducted by professionals and industry experts. They help students stand apart from the rest in the job market by adding further value to their resume.

A meeting was conducted on 20-07-2023 at 10.30am in the Department Office to discuss the various points about Value Added Courses.

I.Members present:

1. Dr.A.Meenakshi, Head & Professor
2. Value Added Course Co-ordinators
 - a. Dr.G.Nirmala, AP-CSE
 - b. Dr.G.Uma Maheswari AP-CSE
3. Three Member Committee
 - a. Dr.R.Muthuselvi Prof-CSE
 - b. Dr.P.Praveen Kumar AP-CSE
 - c. Dr.G.Nirmala AP-CSE

II.Agenda

1. Guide lines for Value Added Courses (VAC)
2. Faculty members' domain of interest and Students' options
3. Identification of Value Added Courses and Trainers from Industries

III.Minutes

1. Guidelines of VAC are discussed.

- The students may optionally undergo value added courses offered by experts from industry / other institutions (Academic / Research) / institution faculty on specialized topics.
- Every 15 period course will be given 1 credit.
- If the value added course is a theory, then the contact hours in a day shall not exceed four periods.
- The courses shall be conducted without affecting the regular academic schedule.
- Candidates can complete such courses during 3rd to 8th semesters as and when these courses are offered by departments.

- A candidate will also be permitted to register such course offered by other departments.
- The Department / Course in-charge / Faculty / Expert concerned shall conduct one assessment at the end of the course
- The Head of the Department shall form a committee to monitor the progress of the course.
- Candidates can take a maximum of two one-credit courses / one two- credit course during an academic year if offered.
- Credits earned under this category will be over and above the total credit requirement as prescribed in the Employability Enhancement Courses category excluding the actual credits required for project works.

2. Faculty members' Domain of interest and Students options are obtained.

- Faculty members' domain interests are obtained and various courses are suggested. Options from III year students are obtained based on their suggestion.
- According to the meeting Conducted, 7 courses were identified such as
 - Figma
 - React JS
 - Mango DB
 - Angular JS
 - Digital Marketing Essentials
 - Power BI
 - Flask
- The information about the courses was given to the students to know their option of interest and a form was generated to receive their responses.
- According to the responses received from the students 5 courses were primarily identified such as
 - Figma
 - React JS
 - Angular JS
 - Power BI
 - Flask
- The faculty coordinators are nominated for each course in accordance to their interest shown. The list is shown as follows:
 - Figma Co-ordinators (Mr.B.Muthukrishnavinayagam, Mrs.X.Ignatius Selvarani, Mrs.V.Sangeetha)
 - React JS Co-ordinators (Mrs.B.Shanthipriya, Mr.D.Asir, Mr.J.John Livingston)
 - Angular JS Co-ordinators (Mrs.K.Leelarani, Dr.G.Mahalakshmi, Mrs.S.Priya)
 - Power BI Co-ordinators (Mrs.S.Athilakshmi, Mrs.S.Hemaswathi)
 - Flask Co-ordinators (Mrs.K.Indhumathi, Mrs.R.Indhuja)

3. Value Added Courses and Industries are identified.
The following industries are identified to conduct the courses

S.No	Courses to be offered	Name of the company	Resource Persons
1	Figma	Kevell Global Solutions LLP.	Ms.Madhuri(UI/UX Developer), Mr.Riyaz Ibrahim(Human Resource), Ms.J.Jenitha(Head of Kevel Corp), Ms.S.Pandeeswari (Students Relationship & Course Coordinator)
2	React JS	Kevell Global Solutions LLP.	Ms.A.L.Pooja Mai (Front End Developer), Mr.R.Monish (Front End Developer), Mr.Sam Joseph (Human Resource)
3	Angular JS	VEI technologies Pvt Ltd.	Mr.Eliyilavan (Director), Ms.Pavithra.R(Trainer), Ms.Jaisankari (Trainer)
4	Power BI	Brainswig EduTech Pvt. Ltd. Chennai.	Dr.R.Dinesh Babu (Managing Director)
5	Flask	Phoenix Softech, Madurai.	Mr.A.M.Sasi Kumar (Software Trainer and Developer)

S.No	Name of the course	Venue	Number of Students Attending	Class	Date
1	Figma	Programming Lab	40	III CSE & ADS	31-07-23 to 05-08-23
2	React JS	Network and Security Lab	40		
3	Angular JS	Cloud Lab	36		
4	Power BI	Modern Application Development lab	36		
5	Flask	Visual Programming Lab	35		


Value Added Course Coordinators


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Department of Computer Science and Engineering

VALUE ADDED COURSES

Circular

The Department of Computer Science and Engineering is planned to organize the following value added courses associated with the industries for third year B.E. CSE and B.Tech ADS during 31-07-23 to 05-08-23.

Objective:

- To build technical skill of the students

Course Outcome:

- Able to enhance the technical knowledge through which the students will fine-tune their career prospect, improve preparedness for campus placement and gain competitive edge.

The following course are planned to be conducted.

S.No	Date	Name of course
1	31-07-23 to 05-08-23	Figma
2	31-07-23 to 05-08-23	React JS
3	31-07-23 to 05-08-23	Angular JS
4	31-07-23 to 05-08-23	Flask
5	31-07-23 to 05-08-23	Power BI


VAC Coordinator


HoD-CSE



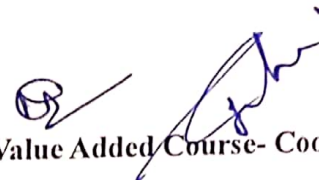
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Department of Computer Science and Engineering

VALUE ADDED COURSES 2023-2024 (31.07.2023 to 05.08.2023)

The following venues are fixed for the conduct of Value Added Courses

S.No	Name of the course	Venue	Class
1	Figma	Programming Lab	III CSE & ADS
2	React JS	Network and Security Lab	III CSE & ADS
3	Angular JS	Cloud Lab	III CSE & ADS
4	Power BI	Modern Application Development lab	III CSE & ADS
5	Flask	Visual Programming Lab	III CSE & ADS


Value Added Course- Coordinators


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KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY

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Department of Computer Science and Engineering

VALUE ADDED COURSES 2023-2024 (31.07.2023 to 05.08.2023)

Date and Time of VAC Exam Conducted

S.No	Name of the course	Date and Time of the exam conducted	Class
1	Figma	05-08-23 / 6.00 to 7.30 PM	III CSE & ADS
2	React JS	05-08-23 / 6.00 to 7.30 PM	
3	Angular JS	05-08-23 / 6.00 to 7.30 PM	
4	Power BI	05-08-23 / 6.00 to 7.30 PM	
5	Flask	05-08-23 / 6.00 to 7.30 PM	


Value Added Course- Coordinators


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Day 1 Plan - Data Visualization -Handson Using Power BI		Tools
Session 1	Connecting Power BI to a Data File - CSV File - Navigating Power BI - Drilling down and up in hierarchies - Advanced drilling in hierarchies - Adding Colours - Adding A Calculated Column - Adding Labels and Formatting	Power BI - Hands-On
	Tea Break	
Session 2	Power BI - Data Visualization - Data Visualization - Introduction to Visualisation - Line Plots and Bar Charts - Pie Chart and Histogram - Scatter Plots and Parallel Coordinates - Advanced Plotting - Exporting Plots and Other Plotting Packages-Bar chart-Connecting Power BI to a Data File - CSV File-Navigating Power BI-Creating Calculated Fields-Adding Colors-Adding Labels and Formatting-Exporting Your Worksheet-Time series, Aggregation, and Filters	Power BI - Hands-On
	Lunch Break	
Session 3	Power BI - Timeseries and Aggregation and Filters - Downloading and connecting to the dataset - Working with timeseries - Understanding aggregation and granularity - Creating an area chart & learning about highlighting - Filters and Slicers in Power BI Power BI Dashboard Creation - Joining Data in Power BI-Creating a Map, Working with Hierarchies-Joining Dashboard-Advanced Dashboard Interactivity	Power BI - Hands-On

Session	Day 2 Plan - Dashboard and StoryLine Creation -Handson Using Power BI	Tools
Session 1	<p>Power BI Storyline Creation - Joining and Blending Data, PLUS: Dual Axis Charts-Creating Bins - Tree Map Chart-Customer Segmentation Creating a Storyline - Creating a Map, Working with Hierarchies - Creating a Scatter Plot, Applying Filters to Multiple Worksheets - Let's Create our First Dashboard! - Adding an Interactive Action using Filter - Adding an Interactive Action using "Highlighting"</p>	Power BI - Hands-On
	Tea Break	
Session 2	<p>Power BI - Maps, Scatterplot and Interactive Dashboard - Joining data in Power BI - Understanding how LEFT, RIGHT, INNER, and OUTER joins work - Joins with duplicate values - Joining on multiple fields - Creating a map, working with hierarchies, lats and lons - Power BI: Calculated Columns vs Calculated Measures - Creating a scatter plot - Combining charts, filters and slicers - Adding a Donut Chart</p>	Power BI - Hands-On
	Lunch Break	
Session 3	<p>Power BI - Creating an Interactive Power BI Dashboard - Downloading the dataset and connecting Power BI - Mapping: How To Set Geographical Roles - Creating Table Calculations for Gender - Creating Bins and Distributions for Age - Creating Bins and Distributions for Balance - How to create a Treemap chart - Creating a Customer Segmentation Dashboard - Controlling Report Interactivity - Analyzing the Customer - Segmentation Dashboard</p>	Power BI - Hands-On

Session	Day 3 Plan - Grouping and Clustering - Hands on Using Power BI	Tools
Session 1	<p>Power BI - Advanced Data Preparation - What Format Your Data Should Be In - Data Interpreter and Pivot - Splitting a Column into Multiple Columns - Metadata Grid - Fixing Geographical Data Errors in Power BI - Hierarchical Clustering Using Power BI Software and K-Mean Clustering Using Power BI Software</p>	<p>Power BI - Hands-On</p>
	<p style="text-align: center;">Tea Break</p>	
Session 2	<p>Power BI - Creating Custom Territories via Grouping - UnGrouping and Comparison of Region - Creating custom Territories via Geographical Roles - Adding Highlighters using Details Box and Legends - Joining and Blending Data, PLUS: Dual Axis Charts - Understanding how LEFT, RIGHT, INNER, and OUTER Joins Work - Joins with Duplicate Values - Joining on Multiple Fields - The Showdown: Joining Data vs. Blending Data in Power BI - Data Blending in Power BI and Dual Axis Chart - Creating Calculated Fields in a Blend (Advanced Topic)</p>	<p>Power BI - Hands-On</p>
	<p style="text-align: center;">Lunch Break</p>	
Session 3	<p>Cluster Analysis using Power BI - Cluster Analysis Introduction - Statistics associated with Cluster Analysis - Conducting Cluster Analysis - Classification of Clustering Procedure - Hierarchical Clustering - Non Hierarchical Clustering - Clustering In Power BI and Cross-Database Joins - Modelling With Clusters - Saving Your Clusters - New Design Features and New Mobile Features</p>	<p>Power BI - Hands-On</p>

Session	Day 4 Plan - Regression and Group and Sets-Handson Using Power BI	Tools
Session 1	<p>Power BI and SQL Integration - Step 1: Get all your data into SQL Server - Step 2: Connect Power BI to SQL Server - a. Create a new report in Power BI Desktop - b. Publish the Report to the Power BI Service - c. Configure the dataset settings - d. Configure the refresh interval - Step 3: Ensure the data is up to date - Summary</p>	Power BI - Hands-On
	Tea Break	
Session 2	<p>Power BI Front End Application Development - Multiple Sheets - Data Interpreters - Merge Mismatched Fields - Applying the filters in Data Source - Step Up Charts - Jump Up Charts - County - Mapping Layers - ToolTip Dashboard.</p>	Power BI - Hands-On
	Lunch Break	
Session 3	<p>Power BI Prediction Algorithm- Linear Regression Analysis - Formulation of Regression Model - Bivariate Regression - Statistics Associated with Bivariate Regression Analysis - Conducting Bivariate Regression Analysis - Multiple Regressions - Conducting Multiple Regression - Mapping Bivariate Regression with Real Time Example.</p>	Power BI - Hands-On

Day 5 Plan - Data Analytics -Handson Using Power BI		Tools
Session 1	<p>Power BI - Leveraging Custom Visuals - The Challenge: Visualizing the European Debt Crisis - Installing a Custom Visual for Power BI - Mechanics of a Chord Chart - Setting up the second Chord Chart - Adding Treemaps - Exploring the visualization</p>	Power BI
	Tea Break	
Session 2	<p>POWER BI Integrated with Data Analytics Expressions - Data Analytics Expressions 101 - DAX vs. M Languages - Intro to DAX Calculated Columns - Intro to DAX Measures - Implicit vs. Explicit Measures - RECAP: Calculated Columns vs. Measures - PRO TIP: Dedicated Measure Tables - Understanding Filter Context - DAX Syntax & Operators - Common DAX Function Categories - Basic Math & Stats Functions - Counting Functions - ASSIGNMENT: Math & Stats Functions - Conditional & Logical Functions - The SWITCH Function - Common Text Functions - ASSIGNMENT: Text Functions - Basic Date & Time Functions - ASSIGNMENT: Date & Time - Joining Data with RELATED - The CALCULATE Function - DAX Measure Totals - ASSIGNMENT: CALCULATE - The ALL Function - ASSIGNMENT: CALCULATE & ALL - The FILTER Function - Iterator (X) Functions - ASSIGNMENT: Iterators - Time Intelligence Patterns - ASSIGNMENT: Time Intelligence - DAX Best Practices</p>	Power BI
	Lunch Break	
	<p>Power BI Integrated with Artificial Intelligence - Section Introduction - Anomaly Detection - Smart Narratives - Q&A Visuals - Key Influencers</p>	
Session 3	<p>Power BI Integrated with SQL Database - Why Combining SQL and Power BI is useful</p> <p>Installing Power BI Public - Loading the 'employees_mod' Database Important clarification! - Task 1: SQL Solution - Transferring a Dataset from SQL to Power BI</p> <p>Chart 1: Visualizing and Analyzing the Solution in Power BI - Part I</p> <p>Chart 2: Visualizing and Analyzing the Solution in Power BI - Part II</p> <p>Chart 3: Visualizing and Analyzing the Solution in Power BI</p> <p>Organizing Charts 1-4 into a Beautiful Dashboard using Power BI</p>	Power BI

Day 6 Plan - Real Time Project -Handson Using Power BI		Tools
Session 1	Real Time Application 1: Banking Analytics - Automation of Bank Loan eligibility process using Data Visualisation Using Power BI - Identification of potential customers who have a higher probability of purchasing the loan. - Predicting bank's revenue pattern based on saving account and loans they offer.	Power BI - Hands-On
	Tea Break	
Session 2	Real Time Application 2: HR Analytics - Automation of Employee Attrition rate analysis using Data Visualisation Using Power BI - To model the probability of attrition. - To understand what changes they should make to their workplace, in order to get most of their employees to stay. - To understand what factors they should focus on, in order to curb attrition.	Power BI - Hands-On
	Lunch Break	
Session 3	Real Time Application :3 - Employee Termination Analysis - Is there any relationship between who a person works for and their performance score?-What is the overall diversity profile of the organization? - What are our best recruiting sources if we want to ensure a diverse organization? Group Presentation - Course Revision and Course Assessment	Power BI - Hands-On

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Course on "DATA ANALYTICS AND VISUALIZATION USING POWER BI"
31-07-2023 to 05-08-2023

Resource Person : Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd., Chennai.

Participanats Name List

S.No.	Mail ID	Roll Number	Name of the Student	Year & Section	Signature
1	21uad002@kamarajengg.edu.in	21uad002	AKSHAY PIRANAV. B	III ADS	
2	21uad003@kamarajengg.edu.in	21uad003	SUTHAN. V	III ADS	
3	21uad008@kamarajengg.edu.in	21uad008	HARSHINI. B	III ADS	
4	21uad021@kamarajengg.edu.in	21uad021	HARI HARA SUDHAN. P	III ADS	
5	21uad022@kamarajengg.edu.in	21uad022	HEMA. T	III ADS	
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15	21uad057@kamarajengg.edu.in	21uad057	MANIKKAVASAKAR. T	III ADS	
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23	21ucs044@kamarajengg.edu.in	21ucs044	PUNITHA BRIDJITH. A	III CSE -A	
24	21ucs045@kamarajengg.edu.in	21ucs045	VIGNESH. S	III CSE -B	
25	21ucs047@kamarajengg.edu.in	21ucs047	KAMALAKANNAN. G	III CSE -A	
26	21ucs065@kamarajengg.edu.in	21ucs065	SHIVAKUMARAN. S	III CSE -A	
27	21ucs070@kamarajengg.edu.in	21ucs070	SHYAM SREERAM. N	III CSE -B	
28	21ucs079@kamarajengg.edu.in	21ucs079	THANGA BALAJI. P	III CSE -A	
29	21ucs080@kamarajengg.edu.in	21ucs080	RISHIKESH. C	III CSE -A	
30	21ucs082@kamarajengg.edu.in	21ucs082	SIVA. K	III CSE -A	
31	21ucs084@kamarajengg.edu.in	21ucs084	NITHIS BANGARU. B	III CSE -A	
32	21ucs110@kamarajengg.edu.in	21ucs110	SAMSITHA. P.P	III CSE -B	
33	21ucs112@kamarajengg.edu.in	21ucs112	JEEVA. J	III CSE -A	
34	21ucs116@kamarajengg.edu.in	21ucs116	KOUSHIKAN. S	III CSE -A	
35	21ucs120@kamarajengg.edu.in	21ucs120	VIJAY KUMAR. R	III CSE -A	
36	21ucs124@kamarajengg.edu.in	21ucs124	NANDHA KUMAR. M	III CSE -A	
Faculty Details					
37	athilakshmicse@kamarajengg.edu.in		S.ATHILAKSHMI	Faculty	
38	hemaswathicse@kamarajengg.edu.in		S.HEMASWATHI	Faculty	

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Value Added Course

on

"DATA ANALYTICS AND VISUALIZATION USING POWER BI" III CSE & III ADS (31-07-2023 to 05-08-2023)

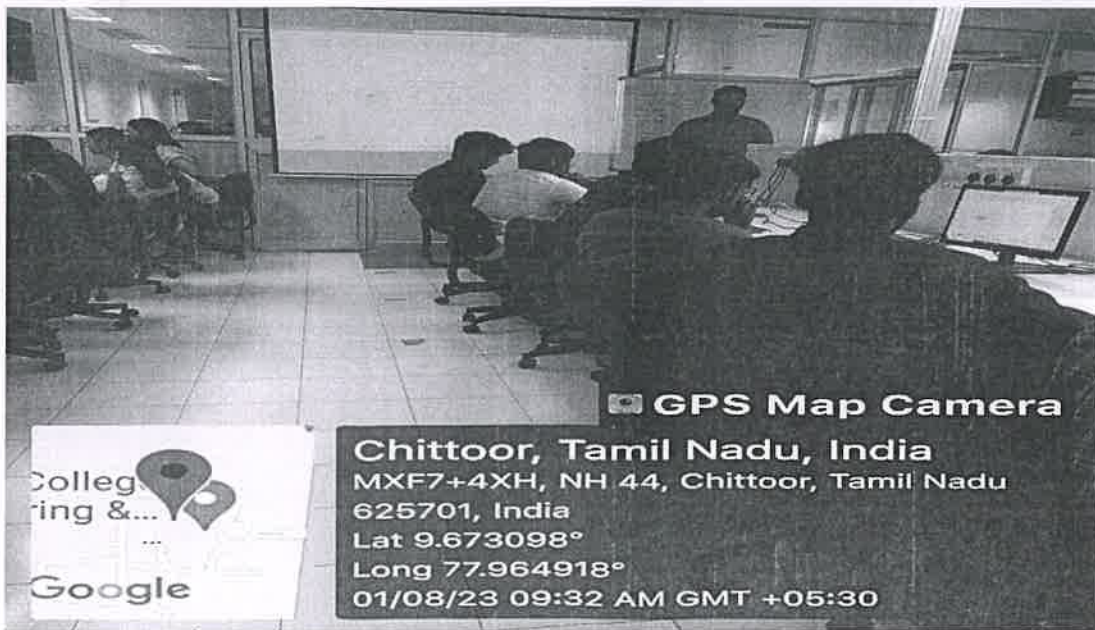
Total Number of Students: 36

Date: 01-08-2023

Attended Students:

Trainer Name: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd.,
Chennai.

Day 2 - 01-08-2023 - Tuesday



R. Dinesh Babu
Trainer

[Signature]
Course Coordinator(s)

[Signature]
VAC Coordinator(s)

Murali
HOD-CSE

Dr. R. Dinesh Babu
Brainswig Edutech Pvt. Ltd.
Chennai



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Value Added Course

on

"DATA ANALYTICS AND VISUALIZATION USING POWER BI" III CSE & III ADS (31-07-2023 to 05-08-2023)

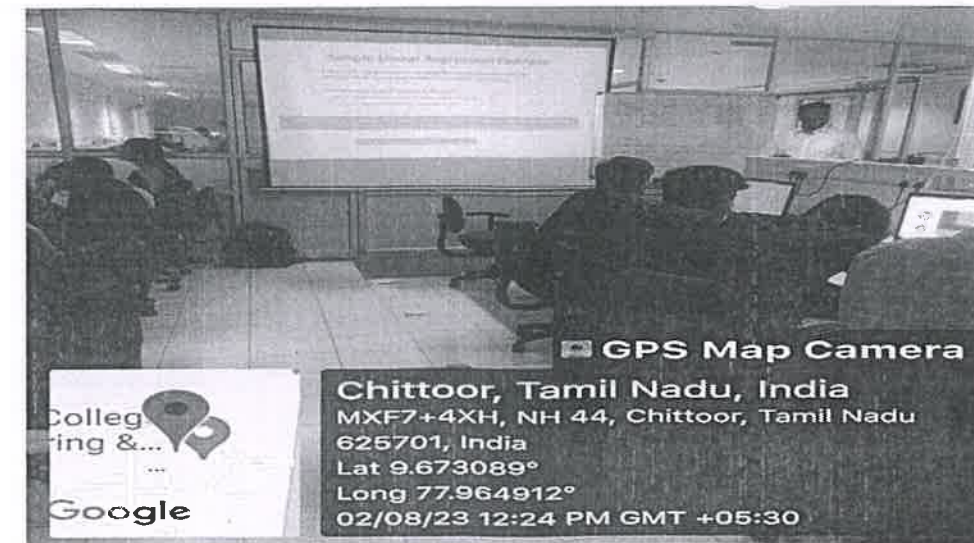
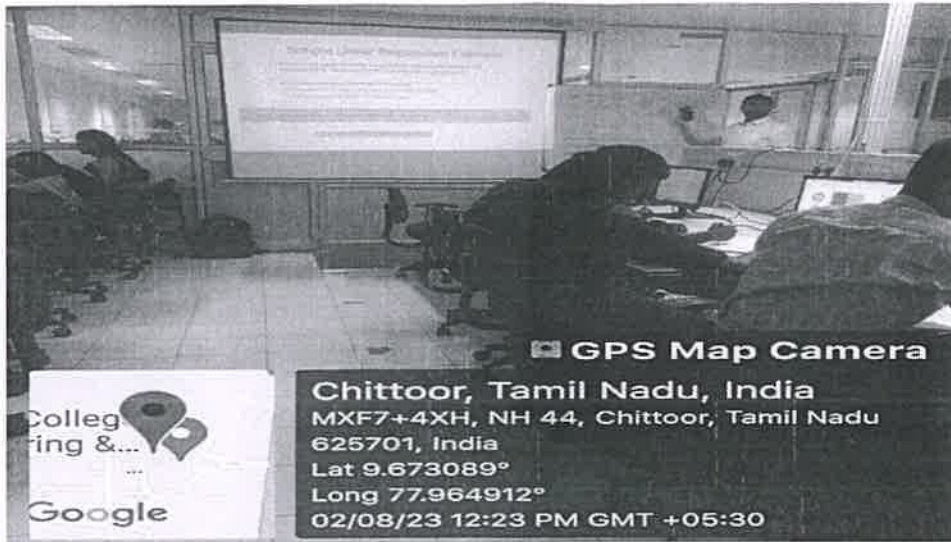
Total Number of Students: 36

Date: 02-08-2023

Attended Students:

Trainer Name: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd.,
Chennai.

Day 3 - 02-08-2023 - Wednesday



Dr. Dinesh Babu
Trainer

Dr. R. Dinesh Babu,
Managing Director
Brainswig Edutech Pvt.Ltd,
Chennai.

[Signature]
Course-Cordinator(s)

[Signature]
VAC Coordinator(s)

[Signature]
HOD-CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Course

on
"DATA ANALYTICS AND VISUALIZATION USING POWER BI"
III CSE & III ADS (31-07-2023 to 05-08-2023)

Total Number of Students: 36
Attended Students:
Trainer Name: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd., Chennai.

Date: 03-08-2023

Day 4 - 3-08-2023 - Thursday



[Signature]
Trainer
Dr.R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt.Ltd,
Chennai

[Signature]
Course Coordinator(s)

[Signature]
VAC Coordinator(s)

[Signature]
HOD-CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Course

on

"DATA ANALYTICS AND VISUALIZATION USING POWER BI"
III CSE & III ADS (31-07-2023 to 05-08-2023)

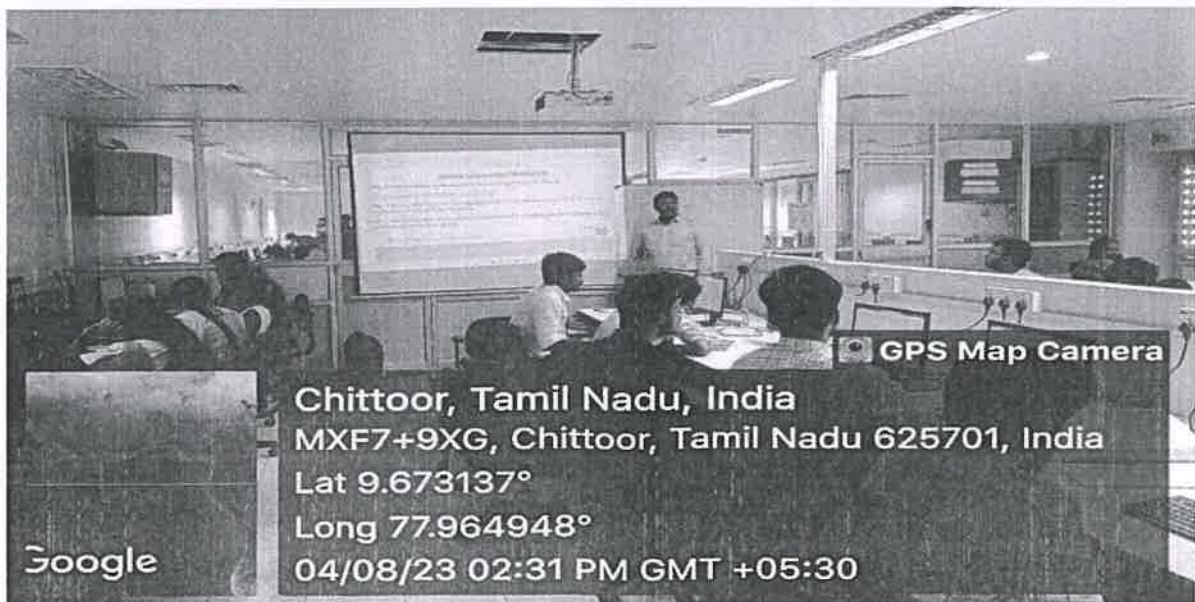
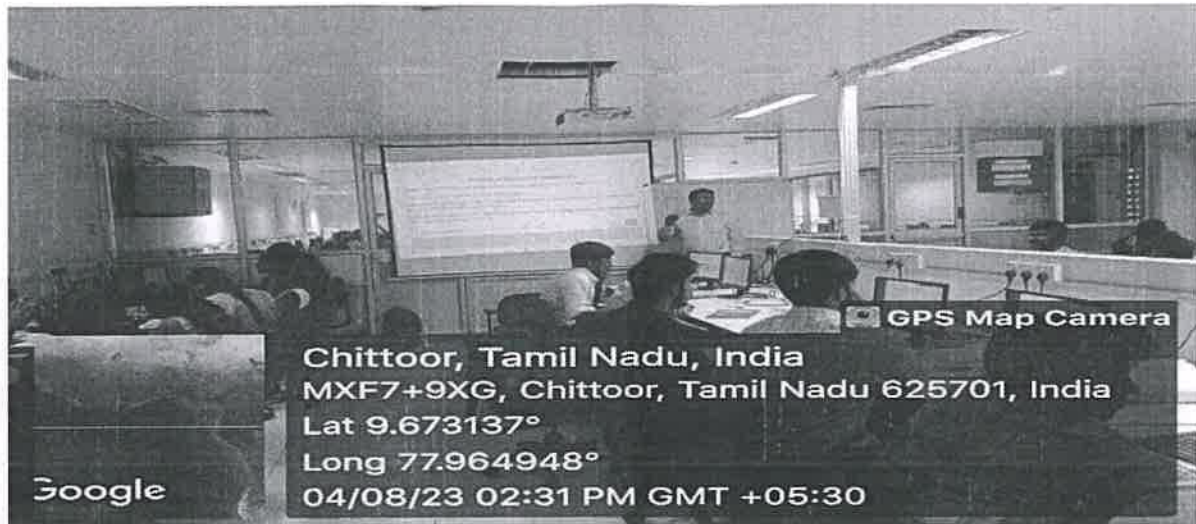
Total Number of Students: 36

Date: 04-08-2023

Attended Students:

Trainer Name: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd.,
Chennai.

Day 5 - 04-08-2023 - Friday



R. Dinesh
Trainer

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd.
Chennai

A. H. S. Anand
Course Coordinator(s)

S. S. S. S.
VAC Coordinator(s)

M. S. S.
HOD-CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Course

on

"DATA ANALYTICS AND VISUALIZATION USING POWER BI"
III CSE & III ADS (31-07-2023 to 05-08-2023)

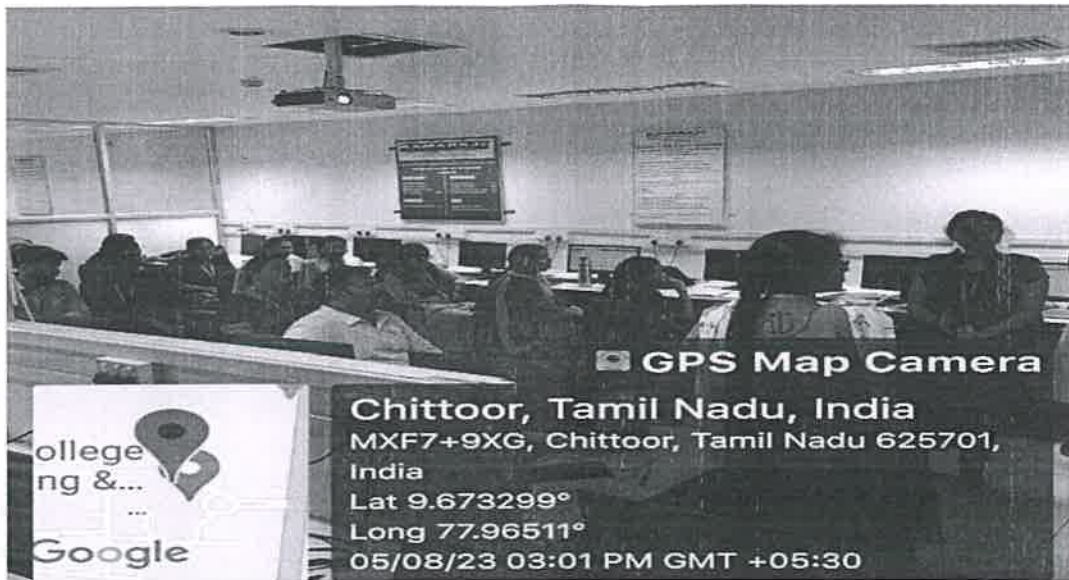
Total Number of Students: 36

Date: 05-08-2023

Attended Students:

Trainer Name: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd.,
Chennai.

Day 6 - 05-08-2023 - Saturday



D. Dinesh Babu
Trainer

Course Coordinator
Course Coordinator(s)

VAC Coordinator
VAC Coordinator(s)

N. N. N.
HOD-CSE

Dr. R. Dinesh Babu,
Managing Director
Brainswig Edutech Pvt. Ltd.,
Chennai.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Course

on

"DATA ANALYTICS AND VISUALIZATION USING POWER BI"
III CSE & III ADS (31-07-2023 to 05-08-2023)

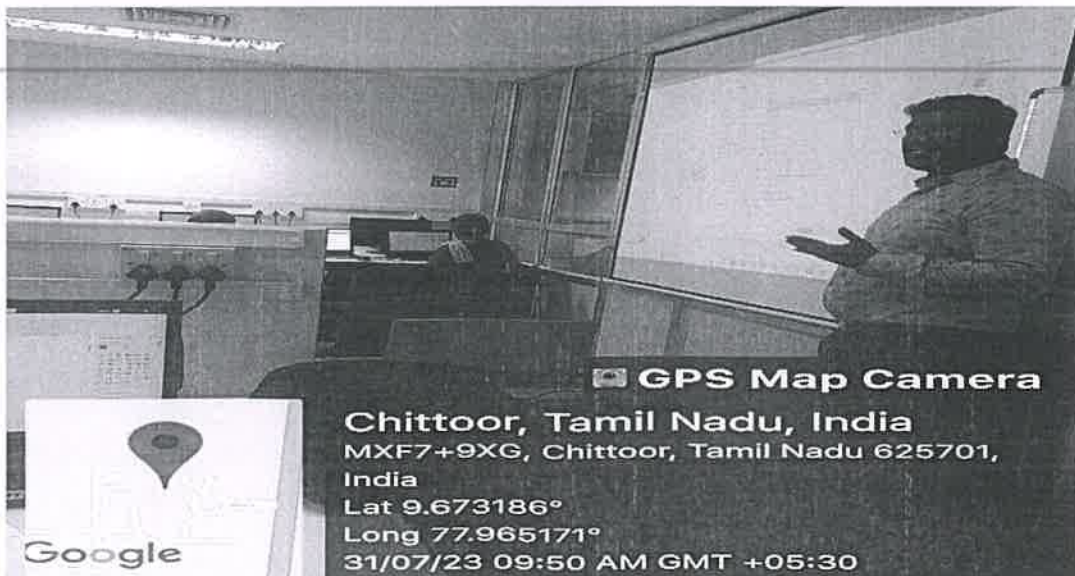
Total Number of Students: 36

Date: 31-07-2023

Attended Students:

Trainer Name: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd.,
Chennai.

Day 1 - 31-07-2023 - Monday



D. Dinesh
Trainer

S. H. O. Srinivasan
Course Coordinator(s)

S. H. O. Srinivasan
VAC Coordinator(s)

Murali
HOD-CSE

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd.;
Chennai.



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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11521

This is to certify that Mr./Ms AKSHAY PIRANAV. B has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 82%.

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR

CONVENER

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11522

This is to certify that Mr./Ms SUTHAN. V has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

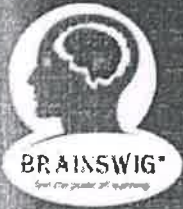
ASSESSMENT MARKS : 75 %

Dr. R. Difesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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Certificate No. : BS11523

This is to certify that **Mr./Ms HARSHINI. B** has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 90%

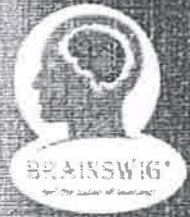
Dr. R. Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11524

This is to certify that Mr./Ms **HARI HARA SUDHAN. P** has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

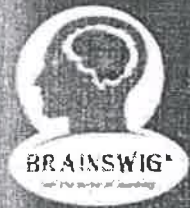
ASSESSMENT MARKS : 95%

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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Certificate No. : BS11525

This is to certify that **Mr./Ms** HEMA. T has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 94%.

Dr. R.Dimesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11526

DINESH KUMAR. S

This is to certify that Mr./Ms ----- has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

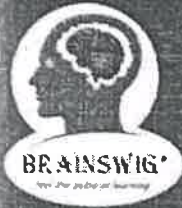
ASSESSMENT MARKS : 89%.

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11527

This is to certify that Mr./Ms KISHORE KUMAR. L has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 75%

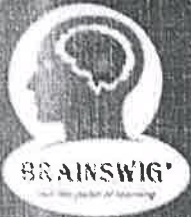
Dr. R. Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11528

This is to certify that **Mr./Ms** ANDALPRIYA. C has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

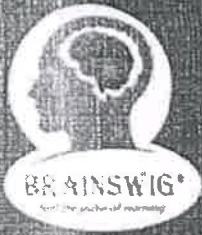
ASSESSMENT MARKS : 83%

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR

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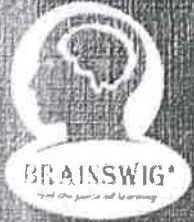
Certificate No. : BS11529

This is to certify that Mr./Ms PERIA MAHALAKSHMI. M has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 93 %

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR
CONVENER
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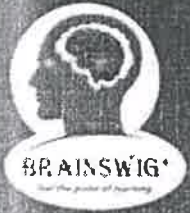
Certificate No. : BS11530

This is to certify that Mr./Ms NUTTRENAI. V has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 83 %

Dr. R.Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR
CONVENER
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BRAINSWIG EDUTECH Pvt. Ltd., CHENNAI

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11531

This is to certify that **Mr./Ms** RAJA LAKSHMI. K has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 85%

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR

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BRAINSWIG EDUTECH Pvt. Ltd., CHENNAI

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11532

ROHITH. A

This is to certify that Mr./Ms _____ has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 78%

Dr. R. Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR

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BRAINSWIG EDUTECH Pvt. Ltd., CHENNAI

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11533

This is to certify that Mr./Ms SIVASAARATHI. S has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

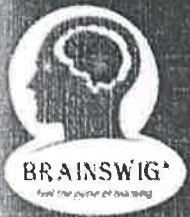
ASSESSMENT MARKS : 93 %

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR

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BRAINSWIG EDUTECH Pvt. Ltd., CHENNAI

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11535

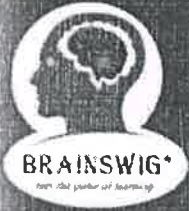
This is to certify that Mr./Ms **MANIKKAVASAKAR. T** has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 89.0/.

Dr. R. Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR
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BRAINSWIG EDUTECH Pvt. Ltd., CHENNAI

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11536

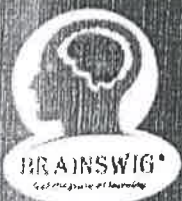
This is to certify that **Mr./Ms** MARIUMBEI. S has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 84%

Dr. R.Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR
CONVENER
PRINCIPAL



KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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S.P.G. Chidambara Nadar - C. Nagammal Campus, S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR)



BRAINSWIG EDUTECH Pvt. Ltd., CHENNAI

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An ISO 9001 : 2015 Certified Institution

COURSE COMPLETION CERTIFICATE

Certificate No. : BS11537

SRINITHI. S

This is to certify that **Mr./Ms** ----- has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 76%

Dr. R.Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR
CONVENER
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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11538

GANESA MOORTHY. M

This is to certify that Mr./Ms GANESA MOORTHY. M has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 75.0%

Dr. R.Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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Certificate No. : BS11540

This is to certify that Mr./Ms **JANA VIKRAM. K. M. S** has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 96%

Dr. R. Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11541

This is to certify that Mr./Ms VIGNESH KUMARAN. A has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

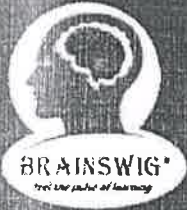
ASSESSMENT MARKS : 80%

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11542

This is to certify that Mr./Ms MANIKANDAN. V has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 85%

Dr. R.Dmesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

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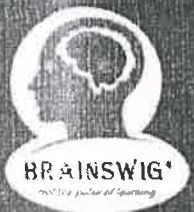
Certificate No. : BS11543

This is to certify that Mr./Ms PUNITHA BRIDJITH. A has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 72 %

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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Certificate No. : BS11544

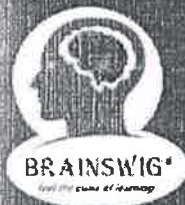
VIGNESH. S

This is to certify that Mr./Ms ----- has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 86 %

Dr. R.Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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Certificate No. : BS11545

KAMALAKANNAN. G

This is to certify that Mr./Ms ~~-----~~ has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 83 %

Dr. R.Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11546

SHIVAKUMARAN. S

This is to certify that Mr./Ms _____ has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 86%

Dr. R.Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11547

This is to certify that Mr./Ms SHYAM SREERAM. N has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 89.0%

Dr. R. Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

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Certificate No. : BS11548

This is to certify that Mr./Ms THANGA BALAJI. P has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 88%

Dr. R. Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

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Certificate No. : BS11549

This is to certify that Mr./Ms RISHIKESH. C has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 78%.

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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Certificate No. : BS11550

This is to certify that Mr./Ms SIVA. K has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 75%

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11551

This is to certify that Mr./Ms NITHIS BANGARU. B has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 75%

Dr. R. Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11552

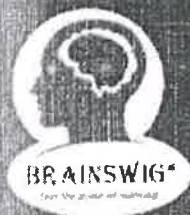
This is to certify that Mr./Ms SAMSITHA. P.P has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 80%.

Dr. R. Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

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Certificate No. : BS11553

This is to certify that Mr./Me JEEVA. J has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 81 %

Dr. R. Dinesh Babu
Managing Director

Brainswig Edutech Pvt. Ltd., Chennai

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11555

VIJAY KUMAR. R

This is to certify that Mr./Ms ----- has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 93.%

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11556

This is to certify that Mr./Ms NANDHA KUMAR. M has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

ASSESSMENT MARKS : 71%

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11557

This is to certify that **Mr./Ms S.ATHILAKSHMI** has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Dr. R.Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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Certificate No. : BS11558

S.HEMASWATHI

This is to certify that Mr./Ms ----- has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Dr. R.Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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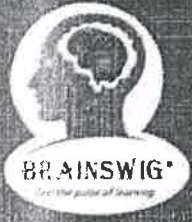
COURSE COMPLETION CERTIFICATE

Certificate No. : BS11562

This is to certify that Mr./Ms S. NITHYA has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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Certificate No. : BS11559

This is to certify that Mr./Ms R. RAMYA has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Dr. R.Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

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BRAIN SWIG EDUTECH Pvt. Ltd., CHENNAI

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COURSE COMPLETION CERTIFICATE

Certificate No. : BS11580

This is to certify that Mr./Ms R. HARTI PRIYA has attended the Value Added Course offered by Brainswig Edutech Pvt. Ltd., Chennai on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" from 31-07-2023 to 05-08-2023 in association with the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Near Virudhunagar.

Dr. R. Dinesh Babu
Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

COORDINATOR

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
 Value Added Course

on

"DATA ANALYTICS AND VISUALIZATION USING POWER BI"
 III CSE & III ADS (31-07-2023 to 06-08-2023)

Total Number of Students: 36

Date: 31-07-2023

Attended Students: 32

Trainer Name: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd., Chennai.

Day 1 - 31-07-2023 - Monday

S.No.	Dept	Section	Roll Number	Student Name	Student Signature		
					Session 1 09:10 am - 10:50 am	Session 2 11:10 am - 12:50 pm	Session 3 01:30 pm - 04:00 pm
1	ADS	III ADS	21uad002	AKSHAY PIRANAV. B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	ADS	III ADS	21uad003	SUTHAN. V	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	ADS	III ADS	21uad008	HARSHINI. B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	ADS	III ADS	21uad021	HARI HARA SUDHAN. P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	ADS	III ADS	21uad022	HEMA. T	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	ADS	III ADS	21uad024	DINESH KUMAR. S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	ADS	III ADS	21uad025	KISHORE KUMAR. L	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	ADS	III ADS	21uad027	ANDALPRIYA. C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	ADS	III ADS	21uad028	PERIA MAHALAKSHMI.M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	ADS	III ADS	21uad029	NUTTRENAI. V	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11	ADS	III ADS	21uad034	RAJA LAKSHMI. K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	ADS	III ADS	21uad045	ROHITH. A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13	ADS	III ADS	21uad048	SIVASAARATHI. S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14	ADS	III ADS	21uad053	AHAMED SAHIL. A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	ADS	III ADS	21uad057	MANIKKAVASAKAR. T	AB	AB	AB
16	ADS	III ADS	21uad058	MARIUMBEL. S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	ADS	III ADS	21uad059	SRINITHI. S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18	ADS	III ADS	21uad060	GANESA MOORTHY. M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	ADS	III ADS	21uad062	JENITH JEFSON. V	AB	AB	AB
20	CSE	III CSE-A	21ucs025	JANA VIKRAM. K. M. S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Total Number of registered students - 36
 " " Eligible students } - 35
 to receive certificates

S.No.	Dept	Section	Roll Number	Student Name	Student Signature		
					Session 1 09:10 am - 10:50 am	Session 2 11:10 am - 12:50 pm	Session 3 01:30 pm - 04:00 pm
21	CSE	III CSE -A	21ucs028	VIGNESH KUMARAN. A	A. Vignesh Kumar	A. Vignesh Kumar	A. Vignesh K
22	CSE	III CSE-B	21ucs037	MANIKANDAN. V	V. Manikand	V. Manikand	V. Manikand
23	CSE	III CSE -A	21ucs044	PUNITHA BRIDJITH. A	AB	AB	AB
24	CSE	III CSE -B	21ucs045	VIGNESH. S	Vignesh.g.	Vignesh.g.	Vignesh.g.
25	CSE	III CSE -A	21ucs047	KAMALAKANNAN. G	G. Kamalakan	G. Kamalakan	G. Kamalakan
26	CSE	III CSE -A	21ucs035	SHIVAKUMARAN. S	S. Shivakumar	S. Shivakumar	S. Shivakumar
27	CSE	III CSE -B	21ucs070	SHYAM SREERAM. N	N. Shyam Sreeram	N. Shyam Sreeram	N. Shyam Sreeram
28	CSE	III CSE -A	21ucs079	THANGA BALAJI. P	P. Thanga Balaji	P. Thanga Balaji	P. Thanga Balaji
29	CSE	III CSE -A	21ucs080	RISHIKESH. C	C. Rishikesh	C. Rishikesh	C. Rishikesh
30	CSE	III CSE -A	21ucs082	SIVA. K	Leave	Leave	Leave
31	CSE	III CSE -A	21ucs084	NITHIS BANGARU. B	B. Nithis Bangaru	B. Nithis Bangaru	B. Nithis Bangaru
32	CSE	III CSE -B	21ucs110	SAMSITHA. P.P	P.P. Samsitha	P.P. Samsitha	P.P. Samsitha
33	CSE	III CSE -A	21ucs112	JEEVA. J	J. Jeeva	J. Jeeva	J. Jeeva
34	CSE	III CSE -A	21ucs116	KOUSHIKAN. S	S. Koushikan	S. Koushikan	S. Koushikan
35	CSE	III CSE -A	21ucs120	VIJAY KUMAR. R	R. Vijay Kumar	R. Vijay Kumar	R. Vijay Kumar
36	CSE	III CSE -A	21ucs124	NANDHA KUMAR. M	M. Nandha Kumar	M. Nandha Kumar	M. Nandha Kumar

R. Dinash Babu
Trainer
21/7/23

Dr. R. Dinash Babu
Managing Director
Brainwig EduTech Pvt. Ltd.,
Chennai

Course Coordinator(s)
Mr. S. Athilakshmi
Ms. S. Hemalatha

VAC Coordinator(s)
Dr. G. Nigamala
Dr. G. Umamaheswari

HOD-CSE
Dr. A. Meenakshi

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Course

on

"DATA ANALYTICS AND VISUALIZATION USING POWER BI"
III CSE & III ADS (31-07-2023 to 05-08-2023)

Total Number of Students: 36

Date: 01-08-2023

Attended Students: 33

Trainer Name: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd., Chennai.

Day 2 - 01-08-2023 - Tuesday

S.No.	Dept	Section	Roll Number	Student Name	Student Signature		
					Session 1 09:10 am - 10:50 am	Session 2 11:10 am - 12:50 pm	Session 3 01:30 pm - 04:00 pm
1	ADS	III ADS	21uad002	AKSHAY PIRANAV. B			
2	ADS	III ADS	21uad003	SUTHAN. V			
3	ADS	III ADS	21uad008	HARSHINI. B			
4	ADS	III ADS	21uad021	HARI HARA SUDHAN. P			
5	ADS	III ADS	21uad022	HEMA. T			
6	ADS	III ADS	21uad024	DINESH KUMAR. S			
7	ADS	III ADS	21uad025	KISHORE KUMAR. L			
8	ADS	III ADS	21uad027	ANDALPRIYA. C			
9	ADS	III ADS	21uad028	PERIA MAHALAKSHMI.M			
10	ADS	III ADS	21uad029	NUTTRENAL. V			
11	ADS	III ADS	21uad034	RAJA LAKSHMI. K			
12	ADS	III ADS	21uad045	ROHITH. A			
13	ADS	III ADS	21uad048	SIVASAARATHI. S			
14	ADS	III ADS	21uad053	AHAMED SAHIL. A			
15	ADS	III ADS	21uad057	MANIKKAVASAKAR. T			
16	ADS	III ADS	21uad058	MARIUMBEL. S			
17	ADS	III ADS	21uad059	SRINITHI. S			
18	ADS	III ADS	21uad060	GANESA MOORTHY. M			
19	ADS	III ADS	21uad062	JENITH JEFSON. V			
20	CSE	III CSE -A	21ucs025	JANA VIKRAM. K. M. S			

S.No.	Dept	Section	Roll Number	Student Name	Student Signature		
					Session 1 09:10 am - 10:50 am	Session 2 11:10 am - 12:50 pm	Session 3 01:30 pm - 04:00 pm
21	CSE	III CSE -A	21ucs028	VIGNESH KUMARAN. A	A. Vignesh Kumaran	A. Vignesh Kumaran	A. Vignesh Kumaran
22	CSE	III CSE -A	21ucs035	SHIVAKUMARAN. S	Shiva	Shiva	Shiva
23	CSE	III CSE-B	21ucs037	MANIKANDAN. V	Mani	Mani	Mani
24	CSE	III CSE -A	21ucs044	PUNITHA BRIDJITH. A	P. Punitha	P. Punitha	P. Punitha
25	CSE	III CSE -B	21ucs045	VIGNESH. S	Vignesh	Vignesh	Vignesh
26	CSE	III CSE -A	21ucs047	KAMALAKANNAN. G	Kamala	Kamala	Kamala
27	CSE	III CSE -B	21ucs070	SHYAM SREERAM. N	Shyam	Shyam	Shyam
28	CSE	III CSE -A	21ucs079	THANGA BALAJI. P	P. Thanga	P. Thanga	P. Thanga
29	CSE	III CSE -A	21ucs080	RISHIKESH. C	Rishi	Rishi	Rishi
30	CSE	III CSE -A	21ucs082	SIVA. K	leave	leave	leave
31	CSE	III CSE -A	21ucs084	NITHIS BANGARU. B	Nithis	Nithis	Nithis
32	CSE	III CSE -B	21ucs110	SAMSITHA. P.P	Samsitha	Samsitha	Samsitha
33	CSE	III CSE -A	21ucs112	JEEVA. J	Jeeva	Jeeva	Jeeva
34	CSE	III CSE -A	21ucs116	KOUSHIKAN. S	Koushika	Koushika	Koushika
35	CSE	III CSE -A	21ucs120	VIJAY KUMAR. R	Vijay	Vijay	Vijay
36	CSE	III CSE -A	21ucs124	NANDHA KUMAR. M	AB	AB	M. Nandha

R. Dhi
Trainer
18/12/23

Course Coordinator(s)
18/12/23

VAC Coordinator(s)

HOD-CSE
Murali

Dr. R. DHINESH BARDU
MANAGING DIRECTOR
BRAHNSWIG EDUTECH
PVT. LTD, CHENNAI

Mrs. S. ATHILAKSHMI,
Mrs. S. HEMASWATHI

Dr. C. NIRMALA,
Dr. G. UMA MAHESWAR

Dr. A. MEENAKSHI

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Course

on

"DATA ANALYTICS AND VISUALIZATION USING POWER BI"
III CSE & III ADS (31-07-2023 to 05-08-2023)

Total Number of Students: 36

Date: 02-08-2023

Attended Students: 35

Trainer Name: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd.,
 Chennai.

Day 3 - 02-08-2023 - Wednesday

S.No.	Dept	Section	Roll Number	Student Name	Student Signature		
					Session 1 09:10 am - 10:50 am	Session 2 11:10 am - 12:50 pm	Session 3 01:30 pm - 04:00 pm
1	ADS	III ADS	21uad002	AKSHAY PIRANAV. B			
2	ADS	III ADS	21uad003	SUTHAN. V			
3	ADS	III ADS	21uad008	HARSHINI. B			
4	ADS	III ADS	21uad021	HARI HARA SUDHAN. P			
5	ADS	III ADS	21uad022	HEMA. T			
6	ADS	III ADS	21uad024	DINESH KUMAR. S			
7	ADS	III ADS	21uad025	KISHORE KUMAR. L			
8	ADS	III ADS	21uad027	ANDALPRIYA. C			
9	ADS	III ADS	21uad028	PERIA MAHALAKSHMI. M			
10	ADS	III ADS	21uad029	NUTTRENAI. V			
11	ADS	III ADS	21uad034	RAJA LAKSHMI. K			
12	ADS	III ADS	21uad045	ROHITH. A			
13	ADS	III ADS	21uad048	SIVASAARATHI. S			
14	ADS	III ADS	21uad053	AHAMED SAHIL. A			
15	ADS	III ADS	21uad057	MANIKKAVASAKAR. T			
16	ADS	III ADS	21uad058	MARIUMBEL. S			
17	ADS	III ADS	21uad059	SRINITHI. S			
18	ADS	III ADS	21uad060	GANESA MOORTHY. M			
19	ADS	III ADS	21uad062	JENITH JEFSON. V			
20	CSE	III CSE -A	21ucs025	JANA VIKRAM. K. M. S			

S.No.	Dept	Section	Roll Number	Student Name	Student Signature		
					Session 1 09:10 am - 10:50 am	Session 2 11:10 am - 12:50 pm	Session 3 01:30 pm - 04:00 pm
21	CSE	III CSE -A	21ucs028	VIGNESH KUMARAN. A	A. Vignesh Kumaran	A. Vignesh Kumaran	A. Vignesh Kumaran
22	CSE	III CSE -A	21ucs035	SHIVAKUMARAN. S	S	S	S
23	CSE	III CSE-B	21ucs037	MANIKANDAN. V	Manika	M	M
24	CSE	III CSE -A	21ucs044	PUNITHA BRIDJITH. A	A. P. Jeeva	A. P. Jeeva	A. P. Jeeva
25	CSE	III CSE -B	21ucs045	VIGNESH. S	Vignesh	Vignesh	Vignesh
26	CSE	III CSE -A	21ucs047	KAMALAKANNAN. G	Kamal	Kamal	Kamal
27	CSE	III CSE -B	21ucs070	SHYAM SREERAM. N	Shyam	Shyam	Shyam
28	CSE	III CSE -A	21ucs079	THANGA BALAJI. P	Thanga	Thanga	Thanga
29	CSE	III CSE -A	21ucs080	RISHIKESH. C	Rishi	Rishi	Rishi
30	CSE	III CSE -A	21ucs082	SIVA. K	S. K	S. K	S. K
31	CSE	III CSE -A	21ucs084	NITHIS BANGARU. B	Nithis	Nithis	Nithis
32	CSE	III CSE -B	21ucs110	SAMSITHA. P.P	S. P. P	S. P. P	S. P. P
33	CSE	III CSE -A	21ucs112	JEEVA. J	Jeeva	Jeeva	Jeeva
34	CSE	III CSE -A	21ucs116	KOUSHIKAN. S	Koushika	Koushika	Koushika
35	CSE	III CSE -A	21ucs120	VIJAY KUMAR. R	Vijay	Vijay	Vijay
36	CSE	III CSE -A	21ucs124	NANDHA KUMAR. M	Nandha	Nandha	Nandha

R. Dineth Babu
21/8/23
Trainer

Mr. S. Shitalakshmi
21/8/23
Course Coordinator(s)

Dr. G. V. Venkateswari
VAC Coordinator(s)

Dr. A. Meenakshi
HOD-CSE

Dr. R. Dineth Babu,
Managing Director

Mr. S. Shitalakshmi
Mr. S. Hemaswathi

Dr. G. V. Venkateswari
Dr. G. V. Venkateswari

BRAINSWIG Edutech Pvt. Ltd.
Chennai

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Course

on

"DATA ANALYTICS AND VISUALIZATION USING POWER BI"
III CSE & III ADS (31-07-2023 to 05-08-2023)

Total Number of Students: 36

Date: 03-08-2023

Attended Students: 34

Trainer Name: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd., Chennai.

Day 4 - 3-08-2023 - Thursday

S.No.	Dept	Section	Roll Number	Student Name	Student Signature		
					Session 1 09:10 am - 10:50 am	Session 2 11:10 am - 12:50 pm	Session 3 01:30 pm - 04:00 pm
1	ADS	III ADS	21uad002	AKSHAY PIRANAV. B			
2	ADS	III ADS	21uad003	SUTHAN. V			
3	ADS	III ADS	21uad008	HARSHINI. B	AB	AB	AB
4	ADS	III ADS	21uad021	HARI HARA SUDHAN. P			
5	ADS	III ADS	21uad022	HEMA. T			
6	ADS	III ADS	21uad024	DINESH KUMAR. S			
7	ADS	III ADS	21uad025	KISHORE KUMAR. L			
8	ADS	III ADS	21uad027	ANDALPRIYA. C			
9	ADS	III ADS	21uad028	PERIA MAHALAKSHMI.M			
10	ADS	III ADS	21uad029	NUTTRENAI. V			
11	ADS	III ADS	21uad034	RAJA LAKSHMI. K			
12	ADS	III ADS	21uad045	ROHITH. A			
13	ADS	III ADS	21uad048	SIVASAARATHI. S			
14	ADS	III ADS	21uad053	AHAMED SAHIL. A			
15	ADS	III ADS	21uad057	MANIKKAVASAKAR. T			
16	ADS	III ADS	21uad058	MARIUMBEL. S			
17	ADS	III ADS	21uad059	SRINITHI. S			
18	ADS	III ADS	21uad060	GANESA MOORTHY. M			
19	ADS	III ADS	21uad062	JENITH JEFSON. V	AB	AB	AB
20	CSE	III CSE -A	21ucs025	JANA VIKRAM. K. M. S			

S.No.	Dept	Section	Roll Number	Student Name	Student Signature		
					Session 1 09:10 am - 10:50 am	Session 2 11:10 am - 12:50 pm	Session 3 01:30 pm - 04:00 pm
21	CSE	III CSE -A	21ucs028	VIGNESH KUMARAN. A	AVK	AVK	AVK
22	CSE	III CSE -A	21ucs035	SHIVAKUMARAN. S	Shivak	Shivak	Shivak
23	CSE	III CSE-B	21ucs037	MANIKANDAN. V	M. Mani	M. Mani	M. Mani
24	CSE	III CSE -A	21ucs044	PUNITHA BRIDJITH. A	A.P. P.	A.P. P.	A.P. P.
25	CSE	III CSE -B	21ucs045	VIGNESH. S	Vignesh	Vignesh	Vignesh
26	CSE	III CSE -A	21ucs047	KAMALAKANNAN. G	G. Kamal	G. Kamal	G. Kamal
27	CSE	III CSE -B	21ucs070	SHYAM SREERAM. N	S. Shyam	S. Shyam	S. Shyam
28	CSE	III CSE -A	21ucs079	THANGA BALAJI. P	P. Thanga	P. Thanga	P. Thanga
29	CSE	III CSE -A	21ucs080	RISHIKESH. C	C. Rishi	C. Rishi	C. Rishi
30	CSE	III CSE -A	21ucs082	SIVA. K	K. Siva	K. Siva	K. Siva
31	CSE	III CSE -A	21ucs084	NITHIS BANGARU. B	B. Nithis	B. Nithis	B. Nithis
32	CSE	III CSE -B	21ucs110	SAMSITHA. P.P	P.P. Samsitha	P.P. Samsitha	P.P. Samsitha
33	CSE	III CSE -A	21ucs112	JEEVA. J	J. Jeeva	J. Jeeva	J. Jeeva
34	CSE	III CSE -A	21ucs116	KOUSHIKAN. S	S. Koushika	S. Koushika	S. Koushika
35	CSE	III CSE -A	21ucs120	VIJAY KUMAR. R	R. Vijay	R. Vijay	R. Vijay
36	CSE	III CSE -A	21ucs124	NANDHA KUMAR. M	M. Nandha	M. Nandha	M. Nandha

R. Dhin
18/12/23
Trainer

Dr. R. DHINESH BABU
MANAGING DIRECTOR
BRAHMA EDUCATECH
PVT LTD, CHENNAI

Dr. S. Ashi
21/12/2023
Course Coordinator(s)

Ms. S. ATHILAKSHMI
Ms. S. HEEMASWATHI

Dr. G. Nir
VAC Coordinator(s)

Dr. G. NIRMALA
Dr. C. UMAMAHESWARI

Dr. A. Meena
HOD-CSE
Dr. A. MEENAKSHI.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Course

on

"DATA ANALYTICS AND VISUALIZATION USING POWER BI"
III CSE & III ADS (31-07-2023 to 05-08-2023)

Total Number of Students: 36

Date: 04-08-2023

Attended Students:

Trainer Name: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd., Chennai.

Day 5 - 04-08-2023 - Friday

S.No.	Dept	Section	Roll Number	Student Name	Student Signature		
					Session 1 09:10 am - 10:50 am	Session 2 11:10 am - 12:50 pm	Session 3 01:30 pm - 04:00 pm
1	ADS	III ADS	21uad002	AKSHAY PIRANAV. B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	ADS	III ADS	21uad003	SUTHAN. V	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	ADS	III ADS	21uad008	HARSHINI. B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	ADS	III ADS	21uad021	HARI HARA SUDHAN. P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	ADS	III ADS	21uad022	HEMA. T	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	ADS	III ADS	21uad024	DINESH KUMAR. S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	ADS	III ADS	21uad025	KISHORE KUMAR. L	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	ADS	III ADS	21uad027	ANDALPRIYA. C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	ADS	III ADS	21uad028	PERIA MAHALAKSHMI. M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	ADS	III ADS	21uad029	NUTTRENAI. V	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11	ADS	III ADS	21uad034	RAJA LAKSHMI. K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	ADS	III ADS	21uad045	ROHITH. A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13	ADS	III ADS	21uad048	SIVASAARATHI. S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14	ADS	III ADS	21uad053	AHAMED SAHIL. A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	ADS	III ADS	21uad057	MANIKKAVASAKAR. T	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16	ADS	III ADS	21uad058	MARIUMBELI. S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	ADS	III ADS	21uad059	SRINITHI. S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18	ADS	III ADS	21uad060	GANESA MOORTHY. M	AB	AB	AB
19	ADS	III ADS	21uad062	JENITH JEFSON. V	AB	AB	AB
20	CSE	III CSE -A	21ucs025	JANA VIKRAM. K. M. S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

S.No.	Dept	Section	Roll Number	Student Name	Student Signature		
					Session 1 09:10 am – 10:50 am	Session 2 11:10 am – 12:50 pm	Session 3 01:30 pm – 04:00 pm
21	CSE	III CSE -A	21ucs028	VIGNESH KUMARAN. A	AVK	AVK	AVK
22	CSE	III CSE -A	21ucs035	SHIVAKUMARAN. S			
23	CSE	III CSE-B	21ucs037	MANIKANDAN. V	manis	manis	manis
24	CSE	III CSE -A	21ucs044	PUNITHA BRIDJITH. A	A.P. Bridjith	A.P. Bridjith	A.P. Bridjith
25	CSE	III CSE -B	21ucs045	VIGNESH. S	vignesh	vignesh	vignesh
26	CSE	III CSE -A	21ucs047	KAMALAKANNAN. G	Gkamah	Gkamah	Gkamah
27	CSE	III CSE -B	21ucs070	SHYAM SREERAM. N	shyam	shyam	shyam
28	CSE	III CSE -A	21ucs079	THANGA BALAJI. P	P.Thangabaji	P.Thangabaji	P.Thangabaji
29	CSE	III CSE -A	21ucs080	RISHIKESH. C	Rishikesh	Rishikesh	Rishikesh
30	CSE	III CSE -A	21ucs082	SIVA. K	K.Siva	K.Siva	K.Siva
31	CSE	III CSE -A	21ucs084	NITHIS BANGARU. B	B.N.B	B.N.B	B.N.B
32	CSE	III CSE -B	21ucs110	SAMSITHA. P.P	S.P.	S.P.	S.P.
33	CSE	III CSE -A	21ucs112	JEEVA. J	Jeeva	Jeeva	Jeeva
34	CSE	III CSE -A	21ucs116	KOUSHIKAN. S	Sushik	Sushik	Sushik
35	CSE	III CSE -A	21ucs120	VIJAY KUMAR. R	vijay	vijay	vijay
36	CSE	III CSE -A	21ucs124	NANDHA KUMAR. M	Monandha	Monandha	Monandha

R. Dinesh Babu
9/8/23

Trainer

Dr. R. DINESH BABU,
MANAGING DIRECTOR,
BRAINSWIG EDUTECH
PVT. LTD,
CHENNAI;

M.S. Athilakshmi
9/8/23

M.S. ATHILAKSHMI
M.S. HEMASWATHI

Course Coordinator(s)

G. Umamaheswari

Dr. G. NIRMALA
Dr. G. UMAMAHESWARI

VAC Coordinator(s)

Meenakshi

HOD-CSE

Dr. A. MEENAKSHI

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Value Added Course
on
"DATA ANALYTICS AND VISUALIZATION USING POWER BI"
III CSE & III ADS (31-07-2023 to 05-08-2023)

Total Number of Students: 36

Date: 05-08-2023

Attended Students:

Trainer Name: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd.,
 Chennai.

Day 6 - 05-08-2023 - Saturday

S.No.	Dept	Section	Roll Number	Student Name	Student Signature		
					Session 1 09:10 am - 10:50 am	Session 2 11:10 am - 12:50 pm	Session 3 01:30 pm - 04:00 pm
1	ADS	III ADS	21uad002	AKSHAY PIRANAV. B			
2	ADS	III ADS	21uad003	SUTHAN. V			
3	ADS	III ADS	21uad008	HARSHINI. B			
4	ADS	III ADS	21uad021	HARI HARA SUDHAN. P			
5	ADS	III ADS	21uad022	HEMA. T			
6	ADS	III ADS	21uad024	DINESH KUMAR. S			
7	ADS	III ADS	21uad025	KISHORE KUMAR. L			
8	ADS	III ADS	21uad027	ANDALPRIYA. C			
9	ADS	III ADS	21uad028	PERIA MAHALAKSHMI.M			
10	ADS	III ADS	21uad029	NUTTRENAI. V			
11	ADS	III ADS	21uad034	RAJA LAKSHMI. K			
12	ADS	III ADS	21uad045	ROHITH. A			
13	ADS	III ADS	21uad048	SIVASAARATHI. S			
14	ADS	III ADS	21uad053	AHAMED SAHIL. A			
15	ADS	III ADS	21uad057	MANIKKAVASAKAR. T			
16	ADS	III ADS	21uad058	MARIUMBEI. S			
17	ADS	III ADS	21uad059	SRINITHI. S			
18	ADS	III ADS	21uad060	GANESA MOORTHY. M			
19	ADS	III ADS	21uad062	JENITH JEFSON. V	AB	AB	AB
20	CSE	III CSE -A	21ucs025	JANA VIKRAM. K. M. S			

S.No.	Dept	Section	Roll Number	Student Name	Student Signature		
					Session 1 09:10 am - 10:50 am	Session 2 11:10 am - 12:50 pm	Session 3 01:30 pm - 04:00 pm
21	CSE	III CSE -A	21ucs028	VIGNESH KUMARAN. A	A.V.K	AVK	AVK
22	CSE	III CSE -A	21ucs065 ₃₅	SHIVAKUMARAN. S	Shivakumar	Shivakumar	Shivakumar
23	CSE	III CSE-B	21ucs037	MANIKANDAN. V	Manikandan	MVC	Manikandan
24	CSE	III CSE -A	21ucs044	PUNITHA BRIDJITH. A	A.P. Bridjith	Bridjith	A.P. Bridjith
25	CSE	III CSE -B	21ucs045	VIGNESH. S	Vignesh	Vignesh	Vignesh
26	CSE	III CSE -A	21ucs047	KAMALAKANNAN. G	Kamalakannan	Kamalakannan	Kamalakannan
27	CSE	III CSE -B	21ucs070	SHYAM SREERAM. N	Shyam	Shyam	Shyam
28	CSE	III CSE -A	21ucs079	THANGA BALAJI. P	Thangabala	Thangabala	Thangabala
29	CSE	III CSE -A	21ucs080	RISHIKESH. C	Rishikesh	Rishikesh	Rishikesh
30	CSE	III CSE -A	21ucs082	SIVA. K	Siva	Siva	Siva
31	CSE	III CSE -A	21ucs084	NITHIS BANGARU. B	Nithis	Nithis	Nithis
32	CSE	III CSE -B	21ucs110	SAMSITHA. P.P	Samsitha	Samsitha	Samsitha
33	CSE	III CSE -A	21ucs112	JEEVA. J	Jeeva	Jeeva	Jeeva
34	CSE	III CSE -A	21ucs116	KOUSHIKAN. S	Koushikan	Koushikan	Koushikan
35	CSE	III CSE -A	21ucs120	VIJAY KUMAR. R	Vijay	Vijay	Vijay
36	CSE	III CSE -A	21ucs124	NANDHA KUMAR. M	M. Nandha	M. Nandha	M. Nandha

R. D. Babu
5/8/22
Trainer

Dr. R. DINESH. BABU
MANAGING DIRECTOR,
BRAINSWIG EDUTECH
PVT. LTD, CHENNAI

Course Coordinator(s)
Mrs. S. ATHILAKSHMI
Mrs. S. HEMASWATHI

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Dr. G. NIRANJAN
Dr. G. VISHWANATHAN

HOD-CSE
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KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY

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Department of Computer Science and Engineering

VALUE ADDED COURSES 2023-2024 (31.07.2023 to 05.08.2023)

Date and Time of VAC Exam Conducted

S.No	Name of the course	Date and Time of the exam conducted	Class
1	Figma	05-08-23 / 6.00 to 7.30 PM	III CSE & ADS
2	React JS	05-08-23 / 6.00 to 7.30 PM	
3	Angular JS	05-08-23 / 6.00 to 7.30 PM	
4	Power BI	05-08-23 / 6.00 to 7.30 PM	
5	Flask	05-08-23 / 6.00 to 7.30 PM	


Value Added Course- Coordinators


HoD-CSE

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Microsoft Power BI MCQs and Answers – 30 Marks (30 X 1 = 30)

1. What is Power BI?

- a. A business analytics tool
- b. A database management system
- c. A project management software
- d. A graphic design tool

Answer: a. A business analytics tool

Explanation: Power BI is a business analytics tool developed by Microsoft. It allows users to connect, visualize, and analyse data from various sources, including cloud services and on-premises databases.

2. Which of the following is a data visualization feature in Power BI?

- a. Charts
- b. Word processing
- c. Video editing
- d. Animation

Answer: a. Charts

Explanation: Power BI provides a variety of charts and graphs, including bar charts, line charts, pie charts, and scatter plots, to help users visualize their data.

3. Which programming language is used to create custom visuals in Power BI?

- a. Python
- b. C#
- c. Java
- d. R

Answer: d. R

Explanation: R is a programming language used for statistical computing and graphics. It is one of the supported languages for creating custom visuals in Power BI.

4. Which of the following is NOT a data source that can be used in Power BI?

- a. Excel spreadsheets
- b. JSON files
- c. Oracle databases

d. Adobe Photoshop files

Answer: d. Adobe Photoshop files

Explanation: Power BI can connect to various data sources, including Excel spreadsheets, JSON files, and Oracle databases, but it cannot connect to Adobe Photoshop files.

5. Which of the following is a data transformation feature in Power BI?

- a. Data modelling
- b. Data visualization
- c. Data exploration
- d. Data cleansing

Answer: d. Data cleansing

Explanation: Data cleansing is a data transformation feature in Power BI that allows users to clean, transform, and reshape data to prepare it for analysis.

6. Which of the following is a visualization option in Power BI?

- a. Pivot table
- b. Histogram
- c. Bubble chart
- d. All of the above

Answer: d. All of the above

Explanation: Power BI offers various visualization options, including pivot tables, histograms, and bubble charts, to help users analyse and interpret their data.

7. What is a dashboard in Power BI?

- a. A visual representation of data that provides an at-a-glance view of key metrics
- b. A report that contains detailed information about a specific topic or area
- c. A data source that provides access to raw data for analysis
- d. A collaboration tool that allows users to share and work on data together

Answer: a. A visual representation of data that provides an at-a-glance view of key metrics

Explanation: A dashboard in Power BI is a visual representation of data that provides an at-a-glance view of key metrics and performance indicators for a business or organization.

8. What is a measure in Power BI?

- a. A calculation based on data in a dataset
- b. A visualization option for displaying data
- c. A filter that restricts the amount of data displayed in a report
- d. A connection to a data source

Answer: a. A calculation based on data in a dataset

Explanation: A measure in Power BI is a calculation based on data in a dataset. Measures can be used to perform calculations such as sums, averages, and percentages.

9. Which of the following is a way to filter data in Power BI?

- a. Slicer
- b. Histogram
- c. Scatter plot
- d. Line chart

Answer: a. Slicer

Explanation: A slicer is a way to filter data in Power BI. Slicers allow users to interactively filter data by selecting one or more values from a list.

10. Which of the following is a way to create a new measure in Power BI?

- a. Using DAX formula language
- b. Using SQL query language
- c. Using Python programming language
- d. Using JavaScript programming language

Answer: a. Using DAX formula language

Explanation: DAX (Data Analysis Expressions) is a formula language used to create measures and calculated columns in Power BI.

11. Which of the following is a way to share a report or dashboard in Power BI?

- a. Publish to the Power BI service
- b. Export to a PDF file
- c. Share via email
- d. All of the above

Answer: a. Publish to the Power BI service

Explanation: The recommended way to share a report or dashboard in Power BI is to publish it to the Power BI service. This allows other users to view and interact with the report or dashboard in a web browser.

12. What is the purpose of the Power BI service?

- a. To create and manage data models
- b. To import and transform data from various sources
- c. To analyse and visualize data
- d. To share reports and dashboards with other users

Answer: d. To share reports and dashboards with other users

Explanation: The Power BI service is a cloud-based platform that allows users to share reports and dashboards with other users. It also provides additional features such as collaboration, data exploration, and administration.

13. What is the purpose of the Query Editor in Power BI?

- a. To create and manage data models
- b. To import and transform data from various sources
- c. To analyse and visualize data
- d. To share reports and dashboards with other users

Answer: b. To import and transform data from various sources

Explanation: The Query Editor in Power BI is a data transformation and cleaning tool that allows users to import, transform, and combine data from various sources.

14. Which of the following is a way to filter data in Power BI?

- a. Using a slicer
- b. Using a chart
- c. Using a table
- d. All of the above

Answer: a. Using a slicer

Explanation: Slicers are visual controls in Power BI that allow users to filter data in a report or dashboard. They can be used with charts, tables, and other visualizations.

15. Which of the following is a way to create a hierarchy in Power BI?

- a. Using the Fields pane
- b. Using the Filters pane
- c. Using the Visualizations pane
- d. Using the Pages pane

Answer: a. Using the Fields pane

Explanation: The Fields pane in Power BI allows users to create hierarchies by dragging and dropping fields onto each other. Hierarchies can be used to drill down into data and explore relationships between data points.

16. Which of the following is a way to create a calculated column in Power BI?

- a. Using DAX formula language
- b. Using SQL query language
- c. Using Python programming language
- d. Using JavaScript programming language

Answer: a. Using DAX formula language

Explanation: DAX (Data Analysis Expressions) is a formula language used to create calculated columns and measures in Power BI. Calculated columns can be used to add new columns to a table based on a DAX expression.

17. Which of the following is a way to create a report in Power BI?

- a. Using the Power BI desktop application
- b. Using the Power BI service
- c. Using a mobile app
- d. All of the above

Answer: a. Using the Power BI desktop application

Explanation: The Power BI desktop application is a Windows application that allows users to create and edit reports and dashboards. It provides advanced features for data modeling, data transformation, and data visualization.

18. Which of the following is a way to create a dashboard in Power BI?

- a. Using the Power BI desktop application
- b. Using the Power BI service

- c. Using a mobile app
- d. All of the above

Answer: b. Using the Power BI service

Explanation: Dashboards in Power BI can be created using the Power BI service. They allow users to view key metrics and performance indicators in a single, interactive view.

19. Which of the following is a way to create a custom visual in Power BI?

- a. Using the Visualizations pane
- b. Using the Fields pane
- c. Using the Format pane
- d. Using the Developer tools

Answer: d. Using the Developer tools

Explanation: Power BI provides developer tools for creating custom visuals using HTML, CSS, and JavaScript. Custom visuals can be used to create unique data visualizations and add additional functionality to Power BI reports and dashboards.

20. Which of the following is a way to perform data modeling in Power BI?

- a. Using the Data view
- b. Using the Visualizations pane
- c. Using the Format pane
- d. Using the Developer tools

Answer: a. Using the Data view

Explanation: The Data view in Power BI allows users to perform data modeling tasks such as creating relationships between tables, creating calculated columns, and applying filters to data.

21. Which of the following is a way to format a visual in Power BI?

- a. Using the Visualizations pane
- b. Using the Fields pane
- c. Using the Format pane
- d. Using the Developer tools

Answer: c. Using the Format pane

Explanation: The Format pane in Power BI allows users to format visuals in a report or dashboard. It provides options for changing colors, fonts, and other visual properties.

22. Which of the following is a way to create a measure in Power BI?

- a. Using the Data view
- b. Using the Visualizations pane
- c. Using the Format pane
- d. Using the Developer tools

Answer: a. Using the Data view

Explanation: Measures in Power BI are created using the Data view. They are used to perform calculations on data, such as sums, averages, and percentages.

23. What is the purpose of the Power BI paginated report?

- a. To create interactive and visually appealing reports and dashboards
- b. To create static and printable reports
- c. To create ad-hoc reports and analysis
- d. To create reports that can be embedded in other applications

Answer: b. To create static and printable reports

Explanation: Power BI paginated reports are designed to create static, printable reports that are optimized for printing or generating PDF documents. They are ideal for creating forms, invoices, and other types of structured documents.

24. Which of the following is a way to create a calculated table in Power BI?

- a. Using the Power BI desktop application
- b. Using the Power BI service
- c. Using the Power BI mobile app
- d. None of the above

Answer: a. Using the Power BI desktop application

Explanation: Calculated tables in Power BI can be created using the Power BI desktop application. This can be done by using the DAX formula language to define the table based on the underlying data.

25. Which of the following is a way to create a drill through in Power BI?

- a. Using the Power BI desktop application
- b. Using the Power BI service
- c. Using the Power BI mobile app

d. All of the above

Answer: a. Using the Power BI desktop application

Explanation: Drillthroughs in Power BI can be created using the Power BI desktop application. This can be done by selecting the desired visual and configuring the drill through options in the Visualizations pane.

26. Which of the following is a way to use natural language queries in Power BI?

a. Using the Q&A feature in the Power BI service

b. Using the Power BI mobile app

c. Using the Power BI desktop application

d. All of the above

Answer: d. All of the above

Explanation: Natural language queries can be used in Power BI through the Q&A feature in the Power BI service, the Power BI mobile app, and the Power BI desktop application. This allows users to ask questions in everyday language and get answers in the form of interactive visuals.

27. A customer may purchase 1 or many products. So the relationship between the customer table and the products table will be _____

a. One to Many

b. Many to Many

c. Many to One

d. One to One

Answer: a. One to Many

28. What is the Power BI file Format?

a. .xlsx

b. .pbi

c. .pbix

d. .xls

Answer: .c. pbix

29. Which graph is used to represent the percentage distribution of data?

- a. Histogram
- b. Pie Chart
- c. Line graph
- d. Box Plot

Answer: b. Pie Chart

30. Which graph is used to represent the frequency distribution of data?

- a. Histogram
- b. Pie Chart
- c. Line graph
- d. Box Plot

Answer: a. Histogram

2 Marks Questions

1. In the below mentioned code Related function is used to
"Total Revenue = SUMX('AdventureWorks Sales Data 2022', 'AdventureWorks Sales Data 2022'[OrderQuantity] * RELATED('AdventureWorks Product Lookup'[ProductPrice]))"
- a. Combine one Database with another Database
 - b. Combine one table field with another Table field
 - c. Combine two fields in the Same Table
 - d. None of the above

Ans: b. Combine one table field with another Table field

2. Which diagram is used to find both Outliers and Normality
- a. Histogram
 - b. Scatter Plot
 - c. Box Plot
 - d. All of these

Ans: c. Box Plot

3. In the below mentioned code, "&" is used to
Customer Full Name (CC) =
'AdventureWorks Customer Lookup'[Prefix] & " " & 'AdventureWorks Customer Lookup'[FirstName] & " " & 'AdventureWorks Customer Lookup'[LastName]

- a. Separating two or more data fields
- b. Combining two or more data fields
- c. Combining multiple tables
- d. None of the above

Ans: b. Combining two or more data fields

4. Which diagram is used to find both clustering and Regression
- a. Box Plot
 - b. Pie Chart
 - c. Scatter Plot
 - d. Line Graph

Ans: c. Scatter Plot

5. In the below mentioned code, Switch function is come under

```
Price Point = SWITCH( TRUE(), 'Product Lookup'[ProductPrice] > 500, "High",  
'Product Lookup'[ProductPrice] > 100, "Mid-Range", "Low")
```

- a. TEXT Function
- b. LOGICAL Function
- c. FILTER Function
- d. TABLE Function

Ans: b. LOGICAL Function

6. What is the deciding factor in Linear Regression
- a. Correlation Coefficient (r)
 - b. Coefficient of Determination (R^2)
 - c. Coefficient of Distortion (D^2)
 - d. None of the Above

Ans: b. Coefficient of Determination (R^2)

The code used to count the number of records without duplicates

- a. Total Orders = `DISTINCT('AdventureWorks Sales Data 2022'[OrderNumber])`
- b. Total Orders = `DISTINCTCOUNT('AdventureWorks Sales Data 2022'[OrderNumber])`
- c. Total Orders = `COUNT('AdventureWorks Sales Data 2022'[OrderNumber])`
- d. Total Orders = `COUNTDISTINCT ('AdventureWorks Sales Data 2022'[OrderNumber])`

Ans: b. Total Orders = `DISTINCTCOUNT('AdventureWorks Sales Data 2022'[OrderNumber])`

8. Which linkage method is used to find the smaller distance between element in one cluster with element in another cluster
- Complete Linkage
 - Single Linkage
 - Average Linkage
 - None of the Above

Ans: b. Single Linkage

9. In the below mentioned code, if the condition is pass then what will be the output
Quantity Type = IF('Sales Data'[OrderQuantity] > 1, "Multiple Items", "Single Item")
- Single Item
 - Multiple Items
 - Both (a) and (b)
 - None of the Above

Ans: b. Multiple Items

10. DAX is the Expansion of
- Data Analytics Expression
 - Data Analysis Expression
 - Data Analysis Extension
 - All of the these

Ans: b. Data Analysis Expression

11. In the below mentioned code is used to
**SKU Category = LEFT('AdventureWorks Product Lookup'[ProductSKU],
SEARCH("-",'AdventureWorks Product Lookup'[ProductSKU]) -1)**
- Returns the specified set of characters from last letter of the string
 - Returns the specified set of characters from first letter of the string
 - Returns the specified set of characters from middle letter of the string
 - None of the Above

Ans: b. Returns the specified set of characters from first letter of the string

12. Calculated Column is used to
- Creates the New Variable in the Data Table
 - Creates Row-Wise records
 - Create Static Variable
 - All of the these

Ans: d. All of these

13. Which is correct DAX Syntax

- a. FunctionName(DatabaseName(ColumnName))
- b. DatabaseName(TableName(ColumnName))
- c. FunctionName(TableName(ColumnName))
- d. FunctionName(ColumnName)

Ans: c.FunctionName(TableName(ColumnName))

14. Calculated Measures is used to

- a. Create after Aggregation in the report
- b. Create Dynamic Variable
- c. Does not create new data field
- d. All of these

Ans: d. All of these

15. Which is used to find the closeness of responses in the clustering

- a. Manhattan distance
- b. Minkowski distance
- c. Euclidean distance
- d. None of these

Ans: c. Euclidean distance

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Value Added Course on DATA ANALYTICS AND VISUALIZATION USING POWER BI

Total Number of Students:	36	Date: 31-07-2023 to 05-08-2023
---------------------------	----	--------------------------------

Trainer Name: Dr.R.Dinesh Babu, Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

EXTERNAL ASSESSMENT REPORT

ID	Start time	Completion time	Email	Name	Total points (60)
1	8/5/23 9:30:20	8/5/23 9:47:50	21uad025@kamarajengg.edu.in	KISHORE KUMAR.L	38
2	8/5/23 9:29:56	8/5/23 9:49:29	21ucs080@kamarajengg.edu.in	RISHIKESH.C	44
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5	8/5/23 9:29:56	8/5/23 9:56:55	21ucs047@kamarajengg.edu.in	KAMALAKANNAN.G	49
6	8/5/23 9:40:19	8/5/23 9:56:55	21ucs035@kamarajengg.edu.in	SHIVAKUMARAN.S	53
7	8/5/23 9:30:15	8/5/23 9:57:43	21ucs079@kamarajengg.edu.in	THANGA BALAJI.P	60
8	8/5/23 9:30:00	8/5/23 9:57:53	21uad027@kamarajengg.edu.in	ANDALPRIYA.C	47
9	8/5/23 9:31:15	8/5/23 9:57:55	21uad029@kamarajengg.edu.in	NUTTRENAL.V	47
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11	8/5/23 9:31:27	8/5/23 9:58:12	21ucs120@kamarajengg.edu.in	VUJAY KUMAR.R	60
12	8/5/23 9:31:11	8/5/23 9:58:24	21uad021@kamarajengg.edu.in	HARI HARA SUDHAN.P	57
13	8/5/23 9:31:15	8/5/23 9:59:24	21uad024@kamarajengg.edu.in	DINESH KUMAR.S	57
14	8/5/23 9:29:51	8/5/23 9:59:35	21uad002@kamarajengg.edu.in	AKSHAY PIRANAV.B	49
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18	8/5/23 9:29:57	8/5/23 10:00:31	21ucs124@kamarajengg.edu.in	NANDHA KUMAR.M	43
19	8/5/23 9:30:53	8/5/23 10:02:02	21uad008@kamarajengg.edu.in	HARSHINI.B	59
20	8/5/23 9:31:38	8/5/23 10:02:03	21uad060@kamarajengg.edu.in	GANESA MOORTHY.M	43
21	8/5/23 9:32:11	8/5/23 10:02:46	21uad059@kamarajengg.edu.in	SRINITHI.S	38
22	8/5/23 9:30:55	8/5/23 10:02:50	21ucs110@kamarajengg.edu.in	SAMSITHA.P.P.	46
23	8/5/23 9:29:50	8/5/23 10:02:51	21uad022@kamarajengg.edu.in	HEMA.T	58
24	8/5/23 9:30:08	8/5/23 10:03:32	21uad053@kamarajengg.edu.in	AHAMED SAHILA	42
25	8/5/23 9:32:39	8/5/23 10:03:54	21uad058@kamarajengg.edu.in	MARIUMBEL.S	47
26	8/5/23 9:30:44	8/5/23 10:04:57	21ucs084@kamarajengg.edu.in	NITHIS BANGARU.B	42
27	8/5/23 9:59:40	8/5/23 10:04:59	21ucs082@kamarajengg.edu.in	SIVA.K	40
28	8/5/23 9:30:47	8/5/23 10:05:44	21ucs028@kamarajengg.edu.in	VIGNESH KUMARAN.A	45
29	8/5/23 9:40:14	8/5/23 10:07:06	21ucs044@kamarajengg.edu.in	PUNITHA BRIDJITH.A	41
30	8/5/23 9:30:39	8/5/23 10:10:06	21ucs045@kamarajengg.edu.in	VIGNESH.S	57
31	8/5/23 9:31:22	8/5/23 10:10:40	21ucs037@kamarajengg.edu.in	MANIKANDAN.V	56
32	8/5/23 9:29:58	8/5/23 10:11:22	21uad003@kamarajengg.edu.in	SUTHAN.V	38
33	8/5/23 9:37:14	8/5/23 10:11:25	21ucs070@kamarajengg.edu.in	SHYAM SREERAM.N	60
34	8/5/23 9:29:51	8/5/23 10:14:50	21uad048@kamarajengg.edu.in	SIVA SAARATHI.S	56
35	8/5/23 10:15:51	8/5/23 10:15:59	21uad045@kamarajengg.edu.in	ROHNH.A	49

(Signature)
COURSE COORDINATOR

Mr. S. Dhilipanu
Mr. S. Hemaraju

(Signature)
V.A.E. COORDINATORS

Dr. G. Nirmala
Dr. G. Umamaheswari

HoD - CSE
(Signature)

VAC-Power BI- Internal Assessment - 05-08-2023

35

Responses

48.3

Average Score

Active

Status

1. Roll Number (21UCS003) (0 point)

35

Responses

Latest Responses

"21UAD045"

"21UAD048"

"21ucs070"

1 respondents (3%) answered 21UAD025 for this question.

21ucs112 21uad059
21UAD002 21ucs047 21ucs079 21uad034
21uad024 21ucs025 21UAD025 21ucs080 21uc
21ucs124 21UAD027 21UCS035 21UCS116 21UA
21uad060 21uad008 21uad

2. Name of the Student (0 point)

35
Responses

Latest Responses

"A.ROHITH"

"S.SIVASAARATHI"

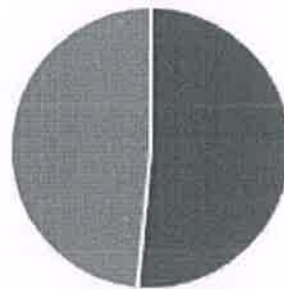
"Shyam Sreeram.N"

4 respondents (11%) answered **S** for this question.

VIJAY KUMARR Peria MahalakshmiM Ganesa M
KRaja Lakshmi Vignesh S **S** Marriumbei S PIRANAV E
Bangaru B SRINITHI S **B** MNandha Kur
Shyam SreeramN jeeva j Dinesh kumars ANDALPRIYA C

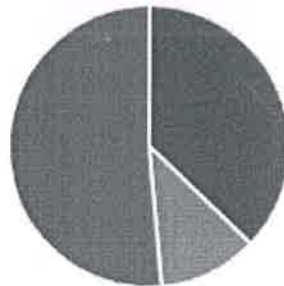
3. Branch (0 point)

- Artificial Intelligence and Data S... 18
- Computer Science and Engineer... 17



4. Year and Section (0 point)

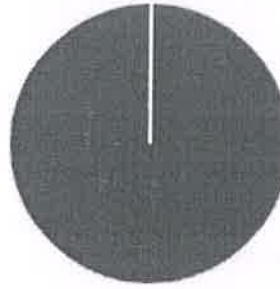
- III CSE A 13
- III CSE B 4
- III ADS 18



5. **What is Power BI?** (1 point)

100% of respondents (35 of 35) answered this question correctly.

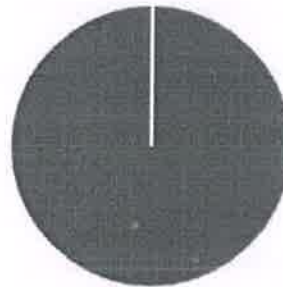
- a. A business analytics tool 35 ✓
- b. A database management syst... 0
- c. A project management softwa... 0
- d. A graphic design tool 0



6. **Which of the following is a data visualization feature in Power BI?** (1 point)

100% of respondents (35 of 35) answered this question correctly.

- a. Charts 35 ✓
- b. Word processing 0
- c. Video editing 0
- d. Animation 0

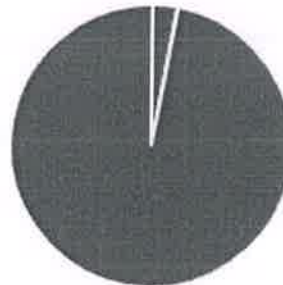


7. **Which programming language is used to create custom visuals in Power BI?**

(1 point)

97% of respondents (34 of 35) answered this question correctly.

- a. Python 1
- b. C# 0
- c. Java 0
- d. R 34 ✓

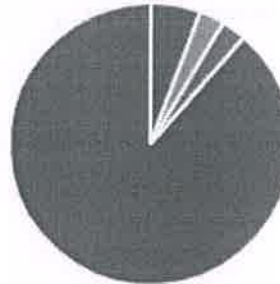


8. **Which of the following is NOT a data source that can be used in Power BI?**

(1 point)

89% of respondents (31 of 35) answered this question correctly.

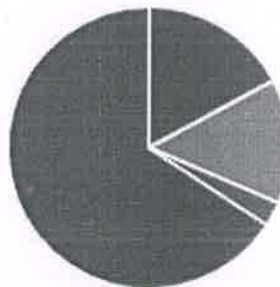
- a. Excel spreadsheets 2
- b. JSON files 1
- c. Oracle databases 1
- d. Adobe Photoshop files 31 ✓



9. **Which of the following is a data transformation feature in Power BI?** (1 point)

66% of respondents (23 of 35) answered this question correctly.

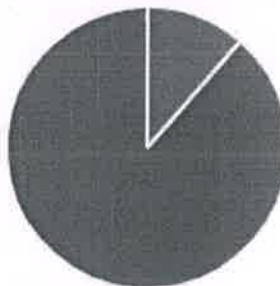
- a. Data modelling 6
- b. Data visualization 5
- c. Data exploration 1
- d. Data cleansing 23 ✓



10. **Which of the following is a visualization option in Power BI?** (1 point)

89% of respondents (31 of 35) answered this question correctly.

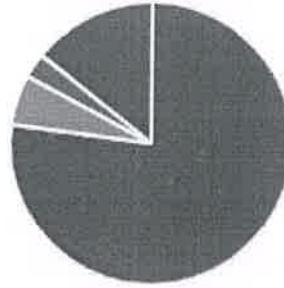
- a. Pivot table 0
- b. Histogram 0
- c. Bubble chart 4
- d. All of the above 31 ✓



11. **What is a dashboard in Power BI?** (1 point)

77% of respondents (27 of 35) answered this question correctly.

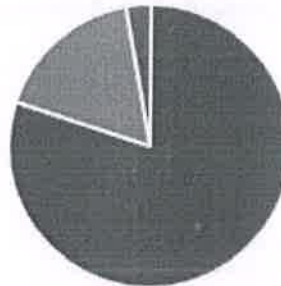
- a. A visual representation of data... 27 ✓
- b. A report that contains detailed... 2
- c. A data source that provides a... 1
- d. A collaboration tool that allo... 5



12. **What is a measure in Power BI?** (1 point)

80% of respondents (28 of 35) answered this question correctly.

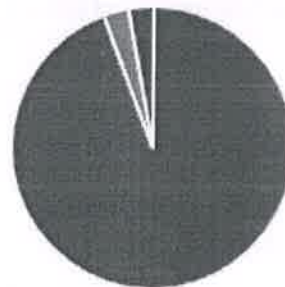
- a. A calculation based on data i... 28 ✓
- b. A visualization option for disp... 6
- c. A filter that restricts the amou... 1
- d. A connection to a data source 0



13. **Which of the following is a way to filter data in Power BI?** (1 point)

94% of respondents (33 of 35) answered this question correctly.

- a. Slicer 33 ✓
- b. Histogram 1
- c. Scatter plot 0
- d. Line chart 1

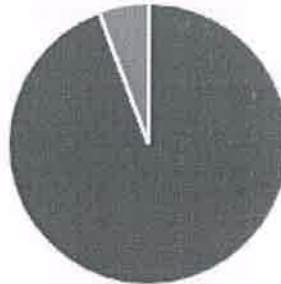


14. **Which of the following is a way to create a new measure in Power BI?**

(1 point)

94% of respondents (33 of 35) answered this question correctly.

- a. Using DAX formula language 33 ✓
- b. Using SQL query language 2
- c. Using Python programming la... 0
- d. Using JavaScript programmin... 0

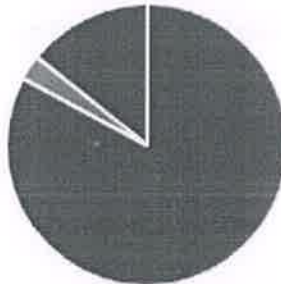


15. **Which of the following is a way to share a report or dashboard in Power BI?**

(1 point)

83% of respondents (29 of 35) answered this question correctly.

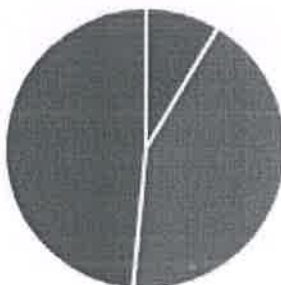
- a. Publish to the Power BI service 29 ✓
- b. Export to a PDF file 1
- c. Share via email 0
- d. All of the above 5



16. **What is the purpose of the Power BI service?** (1 point)

49% of respondents (17 of 35) answered this question correctly.

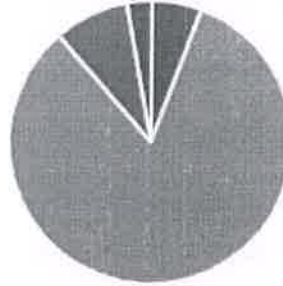
- a. To create and manage data m... 3
- b. To import and transform data... 0
- c. To analyse and visualize data 15
- d. To share reports and dashboa... 17 ✓



17. **What is the purpose of the Query Editor in Power BI?** (1 point)

83% of respondents (29 of 35) answered this question correctly.

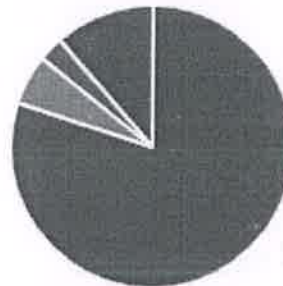
- a. To create and manage data m... 2
- b. To import and transform data... 29 ✓
- c. To analyse and visualize data 3
- d. To share reports and dashboa... 1



18. **Which of the following is a way to filter data in Power BI?** (1 point)

80% of respondents (28 of 35) answered this question correctly.

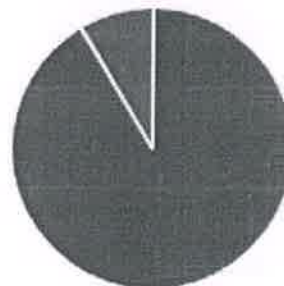
- a. Using a slicer 28 ✓
- b. Using a chart 2
- c. Using a table 1
- d. All of the above 4



19. **Which of the following is a way to create a hierarchy in Power BI?** (1 point)

91% of respondents (32 of 35) answered this question correctly.

- a. Using the Fields pane 32 ✓
- b. Using the Filters pane 0
- c. Using the Visualizations pane 3
- d. Using the Pages pane 0

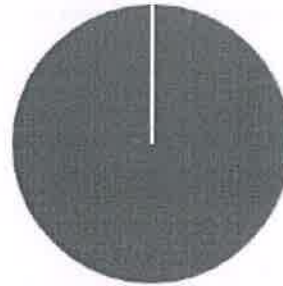


20. **Which of the following is a way to create a calculated column in Power BI?**

(1 point)

100% of respondents (35 of 35) answered this question correctly.

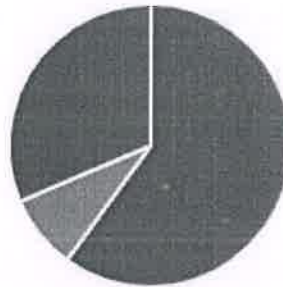
- a. Using DAX formula language 35 ✓
- b. Using SQL query language 0
- c. Using Python programming la... 0
- d. Using JavaScript programmin... 0



21. **Which of the following is a way to create a report in Power BI?** (1 point)

60% of respondents (21 of 35) answered this question correctly.

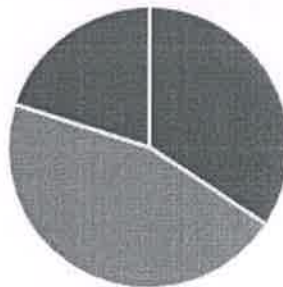
- a. Using the Power BI desktop a... 21 ✓
- b. Using the Power BI service 3
- c. Using a mobile app 0
- d. All of the above 11



22. **Which of the following is a way to create a dashboard in Power BI?** (1 point)

46% of respondents (16 of 35) answered this question correctly.

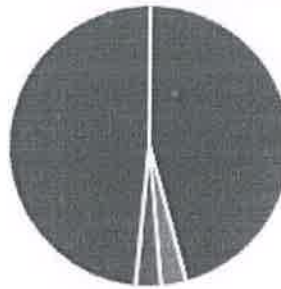
- a. Using the Power BI desktop a... 12
- b. Using the Power BI service 16 ✓
- c. Using a mobile app 0
- d. All of the above 7



23. **Which of the following is a way to create a custom visual in Power BI?** (1 point)

49% of respondents (17 of 35) answered this question correctly.

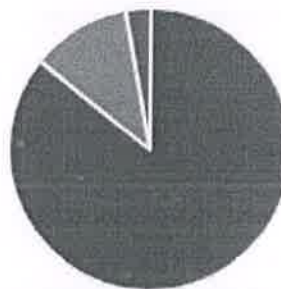
- a. Using the Visualizations pane 16
- b. Using the Fields pane 1
- c. Using the Format pane 1
- d. Using the Developer tools 17 ✓



24. **Which of the following is a way to perform data modeling in Power BI?** (1 point)

86% of respondents (30 of 35) answered this question correctly.

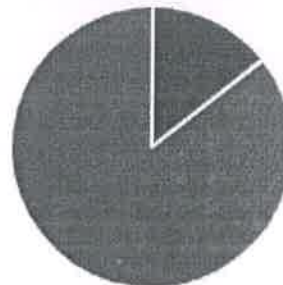
- a. Using the Data view 30 ✓
- b. Using the Visualizations pane 4
- c. Using the Format pane 1
- d. Using the Developer tools 0



25. **Which of the following is a way to format a visual in Power BI?** (1 point)

86% of respondents (30 of 35) answered this question correctly.

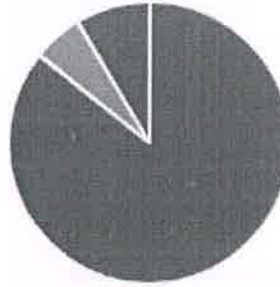
- a. Using the Visualizations pane 5
- b. Using the Fields pane 0
- c. Using the Format pane 30 ✓
- d. Using the Developer tools 0



26. **Which of the following is a way to create a measure in Power BI?** (1 point)

86% of respondents (30 of 35) answered this question correctly.

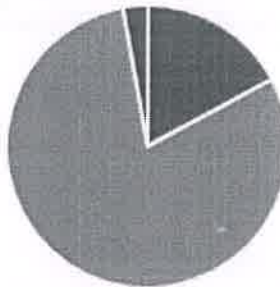
- a. Using the Data view 30 ✓
- b. Using the Visualizations pane 2
- c. Using the Format pane 0
- d. Using the Developer tools 3



27. **What is the purpose of the Power BI paginated report?** (1 point)

80% of respondents (28 of 35) answered this question correctly.

- a. To create interactive and visua... 6
- b. To create static and printable ... 28 ✓
- c. To create ad-hoc reports and ... 0
- d. To create reports that can be ... 1

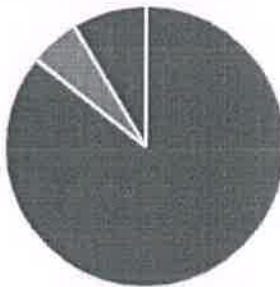


28. **Which of the following is a way to create a calculated table in Power BI?**

(1 point)

86% of respondents (30 of 35) answered this question correctly.

- a. Using the Power BI desktop a... 30 ✓
- b. Using the Power BI service 2
- c. Using the Power BI mobile app 0
- d. None of the above 3

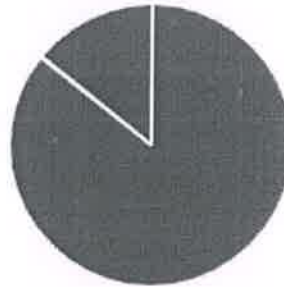


29. **Which of the following is a way to create a drill through in Power BI?**

(1 point)

86% of respondents (30 of 35) answered this question correctly.

- a. Using the Power BI desktop a... 30 ✓
- b. Using the Power BI service 0
- c. Using the Power BI mobile app 0
- d. All of the above 5

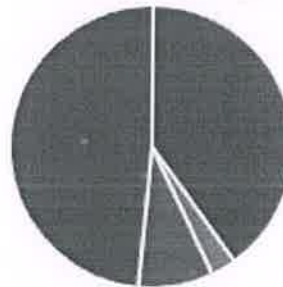


30. **Which of the following is a way to use natural language queries in Power BI?**

(1 point)

49% of respondents (17 of 35) answered this question correctly.

- a. Using the Q&A feature in the ... 14
- b. Using the Power BI mobile app 1
- c. Using the Power BI desktop a... 3
- d. All of the above 17 ✓

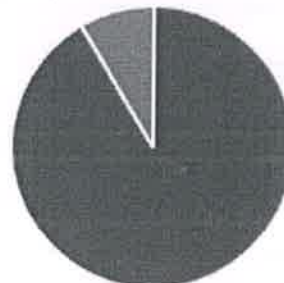


31. **A customer may purchase 1 or many products. So the relationship between the customer table and the products table will be _____**

(1 point)

91% of respondents (32 of 35) answered this question correctly.

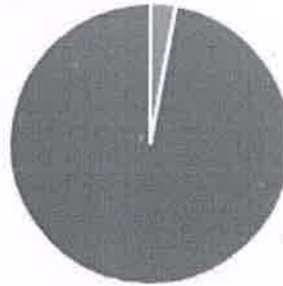
- a. One to Many 32 ✓
- b. Many to Many 3
- c. Many to One 0
- d. One to One 0



32. **What is the Power BI file Format?** (1 point)

97% of respondents (34 of 35) answered this question correctly.

- a. .xlsx 0
- b. .pbi 1
- c. .pbix 34 ✓
- d. .xls 0



33. **Which graph is used to represent the percentage distribution of data?** (1 point)

100% of respondents (35 of 35) answered this question correctly.

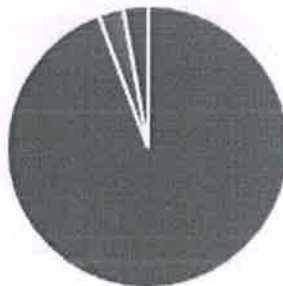
- a. Histogram 0
- b. Pie Chart 35 ✓
- c. Line graph 0
- d. Box Plot 0



34. **Which graph is used to represent the frequency distribution of data?** (1 point)

94% of respondents (33 of 35) answered this question correctly.

- a. Histogram 33 ✓
- b. Pie Chart 0
- c. Line graph 1
- d. Box Plot 1



35. In the below-mentioned code Related function is used to
**“Total Revenue = SUMX('AdventureWorks Sales Data 2022',
 'AdventureWorks Sales Data 2022'[OrderQuantity] * RELATED(
 'AdventureWorks Product Lookup'[ProductPrice]))”**

(2 points)

83% of respondents (29 of 35) answered this question correctly.

- a. Combine one Database with a... 1
- b. Combine one table field with ... 29 ✓
- c. Combine two fields in the Sa... 4
- d. None of the above 1



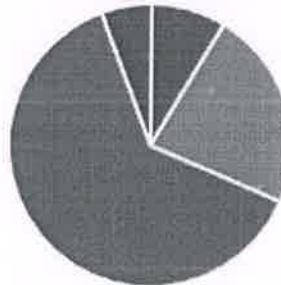
36.

(2 points)

Which diagram is used to find both Outliers and Normality?

63% of respondents (22 of 35) answered this question correctly.

- a. Histogram 3
- b. Scatter Plot 8
- c. Box Plot 22 ✓
- d. All of these 2



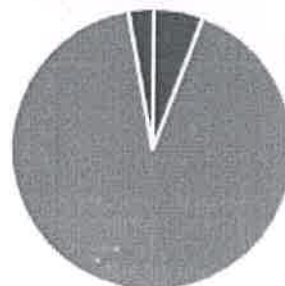
37. In the below-mentioned code, "&" is used to

(2 points)

**Customer Full Name (CC) = 'AdventureWorks Customer Lookup'[Prefix]
 & " " & 'AdventureWorks Customer Lookup'[FirstName] & " " &
 'AdventureWorks Customer Lookup'[LastName]**

91% of respondents (32 of 35) answered this question correctly.

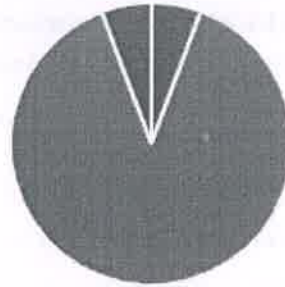
- a. Separating two or more data ... 2
- b. Combining two or more data ... 32 ✓
- c. Combining multiple tables 0
- d. None of the above 1



38. Which diagram is used to find both clustering and Regression? (2 points)

89% of respondents (31 of 35) answered this question correctly.

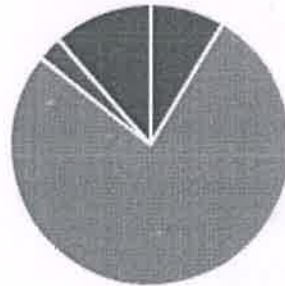
- a. Box Plot 2
- b. Pie Chart 0
- c. Scatter Plot 31 ✓
- d. Line Graph 2



39. In the below-mentioned code, the Switch function is come under (2 points)
Price Point = SWITCH(TRUE(), 'Product Lookup'[ProductPrice] > 500, "High",
'Product Lookup'[ProductPrice] > 100, "Mid-Range", "Low")

77% of respondents (27 of 35) answered this question correctly.

- a. TEXT Function 3
- b. LOGICAL Function 27 ✓
- c. FILTER Function 1
- d. TABLE Function 4

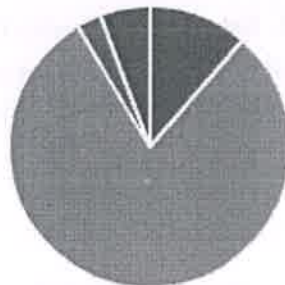


40. (2 points)

What is the deciding factor in Linear Regression?

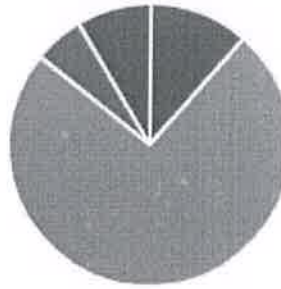
80% of respondents (28 of 35) answered this question correctly.

- a. Correlation Coefficient (r) 4
- b. Coefficient of Determination (...) 28 ✓
- c. Coefficient of Distortion (D^2) 1
- d. None of the Above 2



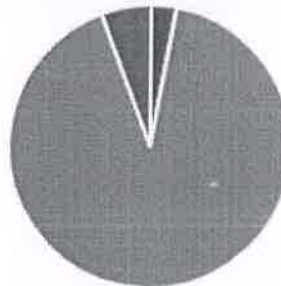
41. The code used to count the number of records without duplicates (2 points)
74% of respondents (26 of 35) answered this question correctly.

- a. Total Orders = DISTINCT('Adv... 4
- b. Total Orders = DISTINCTCOU... 26 ✓
- c. Total Orders = COUNT('Adven... 2
- d. Total Orders = COUNTDISTIN... 3



42. Which linkage method is used to find the smaller distance between element (2 points)
in one cluster with element in another cluster?
91% of respondents (32 of 35) answered this question correctly.

- a. Complete Linkage 1
- b. Single Linkage 32 ✓
- c. Average Linkage 2
- d. None of the Above 0



43. In the below-mentioned code, if the condition is passed then what will be (2 points)
the output
**Quantity Type = IF('Sales Data'[OrderQuantity] > 1, "Multiple Items",
"Single Item")**
80% of respondents (28 of 35) answered this question correctly.

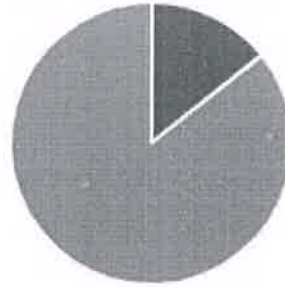
- a. Single Item 0
- b. Multiple Items 28 ✓
- c. Both (a) and (b) 6
- d. None of the Above 1



44. DAX is the Expansion of (2 points)

86% of respondents (30 of 35) answered this question correctly.

- a. Data Analytics Expression 5
- b. Data Analysis Expression 30 ✓
- c. Data Analysis Extension 0
- d. All of the these 0



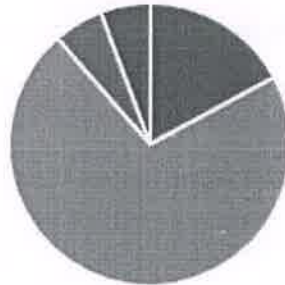
45. 1. In the below-mentioned code is used to

(2 points)

**SKU Category = LEFT('AdventureWorks Product Lookup'[ProductSKU],
SEARCH("-",'AdventureWorks Product Lookup'[ProductSKU]) -1)**

71% of respondents (25 of 35) answered this question correctly.

- a. Returns the specified set of ch... 6
- b. Returns the specified set of c... 25 ✓
- c. Returns the specified set of ch... 2
- d. None of the Above 2

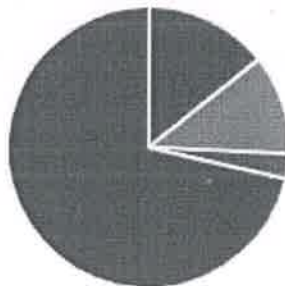


46. (2 points)

Calculated Column is used to

71% of respondents (25 of 35) answered this question correctly.

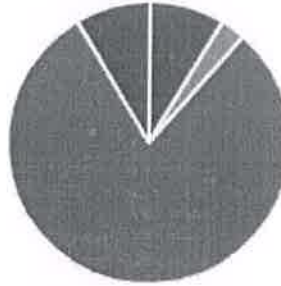
- a. Creates the New Variable in t... 5
- b. Creates Row-Wise records 4
- c. Create Static Variable 1
- d. All of the these 25 ✓



47. Which is correct DAX Syntax? (2 points)

80% of respondents (28 of 35) answered this question correctly.

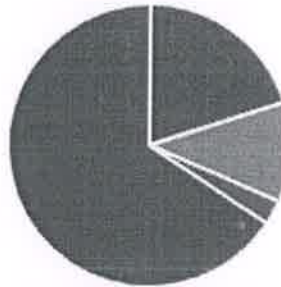
- a. FunctionName(DatabaseNam... 3
- b. DatabaseName(TableName(C... 1
- c. FunctionName(TableName(Co... 28 ✓
- d. FunctionName(ColumnName) 3



48. Calculated Measures is used to (2 points)

66% of respondents (23 of 35) answered this question correctly.

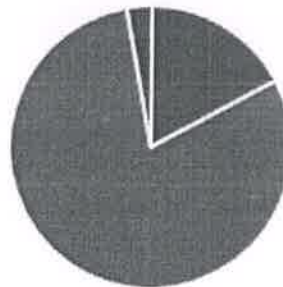
- a. Create after Aggregation in th... 7
- b. Create Dynamic Variable 4
- c. Does not create new data field 1
- d. All of these 23 ✓



49. Which is used to find the closeness of responses in the clustering? (2 points)

80% of respondents (28 of 35) answered this question correctly.

- a. Manhattan distance 6
- b. Minkowski distance 0
- c. Euclidean distance 28 ✓
- d. None of these 1



Coordinator
S. M. Kumar
S. Hengalwar

Mural
AAD-CSE

Review: VAC-Power BI- Internal Assessment - 05-08-2023

Respondent

7 THANGA BALAJI.P

27:28
Time to complete

60/60
Points

1. Roll Number (21UCS003) *

Score / 0 pts

21ucs079

2. Name of the Student *

Score / 0 pts

T

3. Branch *

Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

4. Year and Section *

Score / 0 pts

- III CSE A
- III CSE B
- III ADS

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

5. What is Power BI? *

- a. A business analytics tool ✓
- b. A database management system
- c. A project management software
- d. A graphic design tool

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

6. Which of the following is a data visualization feature in Power BI? *

- a. Charts ✓
- b. Word processing
- c. Video editing
- d. Animation

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

7. Which programming language is used to create custom visuals in Power BI? *

- a. Python
- b. C#
- c. Java
- d. R ✓

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

8. Which of the following is NOT a data source that can be used in Power BI? *

- a. Excel spreadsheets
- b. JSON files
- c. Oracle databases
- d. Adobe Photoshop files ✓

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

9. Which of the following is a data transformation feature in Power BI? *

- a. Data modelling
- b. Data visualization
- c. Data exploration
- d. Data cleansing ✓

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

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- a. Pivot table
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- c. Bubble chart
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✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

11. **What is a dashboard in Power BI? ***

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- c. A data source that provides access to raw data for analysis
- d. A collaboration tool that allows users to share and work on data together

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

12. **What is a measure in Power BI? ***

- a. A calculation based on data in a dataset ✓
- b. A visualization option for displaying data
- c. A filter that restricts the amount of data displayed in a report
- d. A connection to a data source

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

13. **Which of the following is a way to filter data in Power BI? ***

- a. Slicer ✓
- b. Histogram
- c. Scatter plot
- d. Line chart

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

14. Which of the following is a way to create a new measure in Power BI? *

- a. Using DAX formula language ✓
- b. Using SQL query language
- c. Using Python programming language
- d. Using JavaScript programming language

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

15. Which of the following is a way to share a report or dashboard in Power BI? *

- a. Publish to the Power BI service ✓
- b. Export to a PDF file
- c. Share via email
- d. All of the above

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

16. What is the purpose of the Power BI service? *

- a. To create and manage data models
- b. To import and transform data from various sources
- c. To analyse and visualize data
- d. To share reports and dashboards with other users ✓

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

17. What is the purpose of the Query Editor in Power BI? *

- a. To create and manage data models
- b. To import and transform data from various sources ✓
- c. To analyse and visualize data
- d. To share reports and dashboards with other users

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

18. Which of the following is a way to filter data in Power BI? *

- a. Using a slicer ✓
- b. Using a chart
- c. Using a table
- d. All of the above

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

19. Which of the following is a way to create a hierarchy in Power BI? *

- a. Using the Fields pane ✓
- b. Using the Filters pane
- c. Using the Visualizations pane
- d. Using the Pages pane

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

20. Which of the following is a way to create a calculated column in Power BI? *

- a. Using DAX formula language ✓
- b. Using SQL query language
- c. Using Python programming language
- d. Using JavaScript programming language

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

21. Which of the following is a way to create a report in Power BI? *

- a. Using the Power BI desktop application ✓
- b. Using the Power BI service
- c. Using a mobile app
- d. All of the above

✓ Correct 1/1 Points

1 /1 pt
Auto-graded

22. Which of the following is a way to create a dashboard in Power BI? *

- a. Using the Power BI desktop application
- b. Using the Power BI service ✓
- c. Using a mobile app
- d. All of the above

✓ Correct 1/1 Points

1 /1 pt
Auto-graded

23. Which of the following is a way to create a custom visual in Power BI? *

- a. Using the Visualizations pane
- b. Using the Fields pane
- c. Using the Format pane
- d. Using the Developer tools ✓

✓ Correct 1/1 Points

1 /1 pt
Auto-graded

24. Which of the following is a way to perform data modeling in Power BI? *

- a. Using the Data view ✓
- b. Using the Visualizations pane
- c. Using the Format pane
- d. Using the Developer tools

✓ Correct 1/1 Points

1 /1 pt
Auto-graded

25. Which of the following is a way to format a visual in Power BI? *

- a. Using the Visualizations pane
- b. Using the Fields pane
- c. Using the Format pane ✓
- d. Using the Developer tools

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

26. **Which of the following is a way to create a measure in Power BI? ***

- a. Using the Data view ✓
- b. Using the Visualizations pane
- c. Using the Format pane
- d. Using the Developer tools

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

27. **What is the purpose of the Power BI paginated report? ***

- a. To create interactive and visually appealing reports and dashboards
- b. To create static and printable reports ✓
- c. To create ad-hoc reports and analysis
- d. To create reports that can be embedded in other applications

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

28. **Which of the following is a way to create a calculated table in Power BI? ***

- a. Using the Power BI desktop application ✓
- b. Using the Power BI service
- c. Using the Power BI mobile app
- d. None of the above

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

29. **Which of the following is a way to create a drill through in Power BI? ***

- a. Using the Power BI desktop application ✓
- b. Using the Power BI service
- c. Using the Power BI mobile app
- d. All of the above

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

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- a. Using the Q&A feature in the Power BI service
- b. Using the Power BI mobile app
- c. Using the Power BI desktop application
- d. All of the above ✓

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

31. A customer may purchase 1 or many products. So the relationship between the customer table and the products table will be _____.

- a. One to Many ✓
- b. Many to Many
- c. Many to One
- d. One to One

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

32. What is the Power BI file Format? *

- a. .xlsx
- b. .pbi
- c. .pbix ✓
- d. .xls

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

33. Which graph is used to represent the percentage distribution of data? *

- a. Histogram
- b. Pie Chart ✓
- c. Line graph
- d. Box Plot

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

34. Which graph is used to represent the frequency distribution of data? *

- a. Histogram ✓
- b. Pie Chart
- c. Line graph
- d. Box Plot

✓ Correct 2/2 Points

2 / 2 pts
Auto-graded

35. In the below-mentioned code Related function is used to

"Total Revenue = SUMX('AdventureWorks Sales Data 2022', 'AdventureWorks Sales Data 2022'[OrderQuantity] * RELATED('AdventureWorks Product Lookup'[ProductPrice]))" *

- a. Combine one Database with another Database
- b. Combine one table field with another Table field ✓
- c. Combine two fields in the Same Table
- d. None of the above

✓ Correct 2/2 Points

2 / 2 pts
Auto-graded

36.

Which diagram is used to find both Outliers and Normality? *

- a. Histogram
- b. Scatter Plot
- c. Box Plot ✓
- d. All of these

✓ Correct 2/2 Points

2 / 2 pts
Auto-graded

37. In the below-mentioned code, "&" is used to

Customer Full Name (CC) = 'AdventureWorks Customer Lookup'[Prefix] & " " & 'AdventureWorks Customer Lookup'[FirstName] & " " & 'AdventureWorks Customer Lookup'[LastName] *

- a. Separating two or more data fields
- b. Combining two or more data fields ✓
- c. Combining multiple tables
- d. None of the above

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

38. Which diagram is used to find both clustering and Regression? *

- a. Box Plot
- b. Pie Chart
- c. Scatter Plot ✓
- d. Line Graph

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

39. In the below-mentioned code, the Switch function is come under
Price Point = SWITCH(TRUE(), 'Product Lookup'[ProductPrice] > 500, "High", 'Product Lookup'[ProductPrice] > 100, "Mid-Range", "Low") *

- a. TEXT Function
- b. LOGICAL Function ✓
- c. FILTER Function
- d. TABLE Function

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

40. What is the deciding factor in Linear Regression? *

- a. Correlation Coefficient (r)
- b. Coefficient of Determination (R^2) ✓
- c. Coefficient of Distortion (D^2)
- d. None of the Above

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

41. The code used to count the number of records without duplicates *

- a. Total Orders = DISTINCT('AdventureWorks Sales Data 2022'[OrderNumber])
- b. Total Orders = DISTINCTCOUNT('AdventureWorks Sales Data 2022'[OrderNumber]) ✓
- c. Total Orders = COUNT('AdventureWorks Sales Data 2022'[OrderNumber])
- d. Total Orders = COUNTDISTINCT ('AdventureWorks Sales Data 2022'[OrderNumber])

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

42. Which linkage method is used to find the smaller distance between element in one cluster with element in another cluster? *

- a. Complete Linkage
- b. Single Linkage ✓
- c. Average Linkage
- d. None of the Above

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

43. In the below-mentioned code, if the condition is passed then what will be the output
Quantity Type = IF('Sales Data'[OrderQuantity] > 1, "Multiple Items", "Single Item") *

- a. Single Item
- b. Multiple Items ✓
- c. Both (a) and (b)
- d. None of the Above

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

44. DAX is the Expansion of *

- a. Data Analytics Expression
- b. Data Analysis Expression ✓
- c. Data Analysis Extension
- d. All of the these

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

45. 1. In the below-mentioned code is used to
**SKU Category = LEFT('AdventureWorks Product Lookup'[ProductSKU],
SEARCH("-",'AdventureWorks Product Lookup'[ProductSKU]) -1) ***

- a. Returns the specified set of characters from last letter of the string
- b. Returns the specified set of characters from first letter of the string ✓
- c. Returns the specified set of characters from middle letter of the string
- d. None of the Above

✓ **Correct** 2/2 Points

2 /2 pts
Auto-graded

46.

Calculated Column is used to *

- a. Creates the New Variable in the Data Table
- b. Creates Row-Wise records
- c. Create Static Variable
- d. All of the these ✓

✓ **Correct** 2/2 Points

2 /2 pts
Auto-graded

47. **Which is correct DAX Syntax? ***

- a. FunctionName(DatabaseName(ColumnName))
- b. DatabaseName(TableName(ColumnName))
- c. FunctionName(TableName(ColumnName)) ✓
- d. FunctionName(ColumnName)

✓ **Correct** 2/2 Points

2 /2 pts
Auto-graded

48. **Calculated Measures is used to ***

- a. Create after Aggregation in the report
- b. Create Dynamic Variable
- c. Does not create new data field
- d. All of these ✓

✓ **Correct** 2/2 Points

2 /2 pts
Auto-graded

49. **Which is used to find the closeness of responses in the clustering? ***

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Review: VAC-Power BI- Internal Assessment - 05-08-2023

Respondent

2 RISHIKESH.C

19:33

Time to complete

44/60

Points

1. Roll Number (21UCS003) *

Score / 0 pts

21ucs080

2. Name of the Student *

Score / 0 pts

Rishikesh C

3. Branch *

Score / 0 pts

Artificial Intelligence and Data Science

Computer Science and Engineering

4. Year and Section *

Score / 0 pts

III CSE A

III CSE B

III ADS

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

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a. A business analytics tool ✓

b. A database management system

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d. A graphic design tool

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

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- a. Charts ✓
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- c. Video editing
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✓ Correct 1/1 Points

1 / 1 pt
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- c. Java
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✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

8. Which of the following is NOT a data source that can be used in Power BI? *

- a. Excel spreadsheets
- b. JSON files
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✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

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✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

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✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

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✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

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1 / 1 pt
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1 / 1 pt
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14. **Which of the following is a way to create a new measure in Power BI? ***

- a. Using DAX formula language ✓
- b. Using SQL query language
- c. Using Python programming language
- d. Using JavaScript programming language

✗ **Incorrect** 0/1 Points

0 / 1 pt
Auto-graded

15. **Which of the following is a way to share a report or dashboard in Power BI? ***

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1 / 1 pt
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- a. Using a slicer ✓
- b. Using a chart
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0 / 1 pt
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- a. Using the Fields pane ✓
- b. Using the Filters pane
- c. Using the Visualizations pane
- d. Using the Pages pane

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

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- a. Using DAX formula language ✓
- b. Using SQL query language
- c. Using Python programming language
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✗ **Incorrect** 0/1 Points

0 / 1 pt
Auto-graded

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- a. Using the Power BI desktop application ✓
- b. Using the Power BI service
- c. Using a mobile app
- d. All of the above

✘ Incorrect 0/1 Points

0 / 1 pt
Auto-graded

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- b. Using the Power BI service ✓
- c. Using a mobile app
- d. All of the above

✘ Incorrect 0/1 Points

0 / 1 pt
Auto-graded

23. Which of the following is a way to create a custom visual in Power BI? *

- a. Using the Visualizations pane
- b. Using the Fields pane
- c. Using the Format pane
- d. Using the Developer tools ✓

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

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- a. Using the Data view ✓
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✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

25. Which of the following is a way to format a visual in Power BI? *

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0 / 1 pt
Auto-graded

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0 / 1 pt
Auto-graded

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✓ **Correct** 1/1 Points

1 / 1 pt
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- b. Using the Power BI service
- c. Using the Power BI mobile app
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✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

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0 / 1 pt
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- a. Using the Q&A feature in the Power BI service
- b. Using the Power BI mobile app
- c. Using the Power BI desktop application
- d. All of the above ✓

✔ Correct 1/1 Points

1 / 1 pt
Auto-graded

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- a. One to Many ✓
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✔ Correct 1/1 Points

1 / 1 pt
Auto-graded

32. What is the Power BI file Format? *

- a. .xlsx
- b. .pbi
- c. .pbix ✓
- d. .xls

✔ Correct 1/1 Points

1 / 1 pt
Auto-graded

33. Which graph is used to represent the percentage distribution of data? *

- a. Histogram
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✓ **Correct** 1/1 Points

1 / 1 pt
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✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

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"Total Revenue = SUMX('AdventureWorks Sales Data 2022', 'AdventureWorks Sales Data 2022'[OrderQuantity] * RELATED('AdventureWorks Product Lookup'[ProductPrice]))" *

- a. Combine one Database with another Database
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0 / 2 pts
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2 / 2 pts
Auto-graded

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Customer Full Name (CC) = 'AdventureWorks Customer Lookup'[Prefix] & " " & 'AdventureWorks Customer Lookup'[FirstName] & " " & 'AdventureWorks Customer Lookup'[LastName] *

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2 / 2 pts
Auto-graded

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2 / 2 pts
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'Product Lookup'[ProductPrice] > 100, "Mid-Range", "Low") ***

- a. TEXT Function
- b. LOGICAL Function ✓
- c. FILTER Function
- d. TABLE Function

✓ **Correct** 2/2 Points

2 / 2 pts
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- a. Correlation Coefficient (r)
- b. Coefficient of Determination (R^2) ✓
- c. Coefficient of Distortion (D^2)
- d. None of the Above

✗ **Incorrect** 0/2 Points

0 / 2 pts
Auto-graded

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- a. Total Orders = DISTINCT('AdventureWorks Sales Data 2022'[OrderNumber])
- b. Total Orders = DISTINCTCOUNT('AdventureWorks Sales Data 2022'[OrderNumber]) ✓
- c. Total Orders = COUNT('AdventureWorks Sales Data 2022'[OrderNumber])
- d. Total Orders = COUNTDISTINCT ('AdventureWorks Sales Data 2022'[OrderNumber])

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

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0 / 2 pts
Auto-graded

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- b. Multiple Items ✓
- c. Both (a) and (b)
- d. None of the Above

✓ **Correct** 2/2 Points

2 / 2 pts
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- a. Data Analytics Expression
- b. Data Analysis Expression ✓
- c. Data Analysis Extension
- d. All of the these

✗ **Incorrect** 0/2 Points

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45. 1. In the below-mentioned code is used to

**SKU Category = LEFT('AdventureWorks Product Lookup'[ProductSKU],
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- a. Returns the specified set of characters from last letter of the string
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- c. Returns the specified set of characters from middle letter of the string
- d. None of the Above

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

46.

Calculated Column is used to *

- a. Creates the New Variable in the Data Table
- b. Creates Row-Wise records
- c. Create Static Variable
- d. All of the these ✓

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

47. **Which is correct DAX Syntax? ***

- a. FunctionName(DatabaseName(ColumnName))
- b. DatabaseName(TableName(ColumnName))
- c. FunctionName(TableName(ColumnName)) ✓
- d. FunctionName(ColumnName)

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

48. **Calculated Measures is used to ***

- a. Create after Aggregation in the report
- b. Create Dynamic Variable
- c. Does not create new data field
- d. All of these ✓

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

49. **Which is used to find the closeness of responses in the clustering? ***

- a. Manhattan distance
- b. Minkowski distance
- c. Euclidean distance ✓
- d. None of these

Review: VAC-Power BI- Internal Assessment - 05-08-2023

Respondent

21 SRINITHI.S

30:36
Time to complete

38/60
Points

1. Roll Number (21UCS003) *

Score / 0 pts

21uad059

2. Name of the Student *

Score / 0 pts

SRINITHI S

3. Branch *

Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

4. Year and Section *

Score / 0 pts

- III CSE A
- III CSE B
- III ADS

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

5. What is Power BI? *

- a. A business analytics tool ✓
- b. A database management system
- c. A project management software
- d. A graphic design tool

✓ **Correct** 1/1 Points

1 /1 pt
Auto-graded

6. **Which of the following is a data visualization feature in Power BI? ***

- a. Charts ✓
- b. Word processing
- c. Video editing
- d. Animation

✓ **Correct** 1/1 Points

1 /1 pt
Auto-graded

7. **Which programming language is used to create custom visuals in Power BI? ***

- a. Python
- b. C#
- c. Java
- d. R ✓

✓ **Correct** 1/1 Points

1 /1 pt
Auto-graded

8. **Which of the following is NOT a data source that can be used in Power BI? ***

- a. Excel spreadsheets
- b. JSON files
- c. Oracle databases
- d. Adobe Photoshop files ✓

✗ **Incorrect** 0/1 Points

0 /1 pt
Auto-graded

9. **Which of the following is a data transformation feature in Power BI? ***

- a. Data modelling
- b. Data visualization
- c. Data exploration
- d. Data cleansing ✓

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

10. **Which of the following is a visualization option in Power BI? ***

- a. Pivot table
- b. Histogram
- c. Bubble chart
- d. All of the above ✓

✗ **Incorrect** 0/1 Points

0 / 1 pt
Auto-graded

11. **What is a dashboard in Power BI? ***

- a. A visual representation of data that provides an at-a-glance view of key metrics ✓
- b. A report that contains detailed information about a specific topic or area
- c. A data source that provides access to raw data for analysis
- d. A collaboration tool that allows users to share and work on data together

✗ **Incorrect** 0/1 Points

0 / 1 pt
Auto-graded

12. **What is a measure in Power BI? ***

- a. A calculation based on data in a dataset ✓
- b. A visualization option for displaying data
- c. A filter that restricts the amount of data displayed in a report
- d. A connection to a data source

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

13. **Which of the following is a way to filter data in Power BI? ***

- a. Slicer ✓
- b. Histogram
- c. Scatter plot
- d. Line chart

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

14. **Which of the following is a way to create a new measure in Power BI? ***

- a. Using DAX formula language ✓
- b. Using SQL query language
- c. Using Python programming language
- d. Using JavaScript programming language

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

15. **Which of the following is a way to share a report or dashboard in Power BI? ***

- a. Publish to the Power BI service ✓
- b. Export to a PDF file
- c. Share via email
- d. All of the above

✗ **Incorrect** 0/1 Points

0 / 1 pt
Auto-graded

16. **What is the purpose of the Power BI service? ***

- a. To create and manage data models
- b. To import and transform data from various sources
- c. To analyse and visualize data
- d. To share reports and dashboards with other users ✓

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

17. **What is the purpose of the Query Editor in Power BI? ***

- a. To create and manage data models
- b. To import and transform data from various sources ✓
- c. To analyse and visualize data
- d. To share reports and dashboards with other users

✓ Correct 1/1 Points

1 /1 pt
Auto-graded

18. Which of the following is a way to filter data in Power BI? *

- a. Using a slicer ✓
- b. Using a chart
- c. Using a table
- d. All of the above

✓ Correct 1/1 Points

1 /1 pt
Auto-graded

19. Which of the following is a way to create a hierarchy in Power BI? *

- a. Using the Fields pane ✓
- b. Using the Filters pane
- c. Using the Visualizations pane
- d. Using the Pages pane

✓ Correct 1/1 Points

1 /1 pt
Auto-graded

20. Which of the following is a way to create a calculated column in Power BI? *

- a. Using DAX formula language ✓
- b. Using SQL query language
- c. Using Python programming language
- d. Using JavaScript programming language

✗ Incorrect 0/1 Points

0 /1 pt
Auto-graded

21. Which of the following is a way to create a report in Power BI? *

- a. Using the Power BI desktop application ✓
- b. Using the Power BI service
- c. Using a mobile app
- d. All of the above

✘ **Incorrect** 0/1 Points

0 / 1 pt
Auto-graded

22. **Which of the following is a way to create a dashboard in Power BI? ***

- a. Using the Power BI desktop application
- b. Using the Power BI service ✓
- c. Using a mobile app
- d. All of the above

✘ **Incorrect** 0/1 Points

0 / 1 pt
Auto-graded

23. **Which of the following is a way to create a custom visual in Power BI? ***

- a. Using the Visualizations pane
- b. Using the Fields pane
- c. Using the Format pane
- d. Using the Developer tools ✓

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

24. **Which of the following is a way to perform data modeling in Power BI? ***

- a. Using the Data view ✓
- b. Using the Visualizations pane
- c. Using the Format pane
- d. Using the Developer tools

✘ **Incorrect** 0/1 Points

0 / 1 pt
Auto-graded

25. **Which of the following is a way to format a visual in Power BI? ***

- a. Using the Visualizations pane
- b. Using the Fields pane
- c. Using the Format pane ✓
- d. Using the Developer tools

✘ Incorrect 0/1 Points

0 / 1 pt
Auto-graded

26. Which of the following is a way to create a measure in Power BI? *

- a. Using the Data view ✓
- b. Using the Visualizations pane
- c. Using the Format pane
- d. Using the Developer tools

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

27. What is the purpose of the Power BI paginated report? *

- a. To create interactive and visually appealing reports and dashboards
- b. To create static and printable reports ✓
- c. To create ad-hoc reports and analysis
- d. To create reports that can be embedded in other applications

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

28. Which of the following is a way to create a calculated table in Power BI? *

- a. Using the Power BI desktop application ✓
- b. Using the Power BI service
- c. Using the Power BI mobile app
- d. None of the above

✓ Correct 1/1 Points

1 / 1 pt
Auto-graded

29. Which of the following is a way to create a drill through in Power BI? *

- a. Using the Power BI desktop application ✓
- b. Using the Power BI service
- c. Using the Power BI mobile app
- d. All of the above

✗ **Incorrect** 0/1 Points

0 / 1 pt
Auto-graded

30. **Which of the following is a way to use natural language queries in Power BI? ***

- a. Using the Q&A feature in the Power BI service
- b. Using the Power BI mobile app
- c. Using the Power BI desktop application
- d. All of the above ✓

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

31. **A customer may purchase 1 or many products. So the relationship between the customer table and the products table will be_____ ***

- a. One to Many ✓
- b. Many to Many
- c. Many to One
- d. One to One

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

32. **What is the Power BI file Format? ***

- a. .xlsx
- b. .pbi
- c. .pbix ✓
- d. .xls

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

33. **Which graph is used to represent the percentage distribution of data? ***

- a. Histogram
- b. Pie Chart ✓
- c. Line graph
- d. Box Plot

✓ **Correct** 1/1 Points

1 / 1 pt
Auto-graded

34. Which graph is used to represent the frequency distribution of data? *

- a. Histogram ✓
- b. Pie Chart
- c. Line graph
- d. Box Plot

✗ **Incorrect** 0/2 Points

0 / 2 pts
Auto-graded

35. In the below-mentioned code Related function is used to
"Total Revenue = SUMX('AdventureWorks Sales Data 2022', 'AdventureWorks Sales Data 2022'[OrderQuantity] * RELATED('AdventureWorks Product Lookup'[ProductPrice]))" *

- a. Combine one Database with another Database
- b. Combine one table field with another Table field ✓
- c. Combine two fields in the Same Table
- d. None of the above

✗ **Incorrect** 0/2 Points

0 / 2 pts
Auto-graded

36.

Which diagram is used to find both Outliers and Normality? *

- a. Histogram
- b. Scatter Plot
- c. Box Plot ✓
- d. All of these

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

37. In the below-mentioned code, "&" is used to

Customer Full Name (CC) = 'AdventureWorks Customer Lookup'[Prefix] & " " & 'AdventureWorks Customer Lookup'[FirstName] & " " & 'AdventureWorks Customer Lookup'[LastName] *

- a. Separating two or more data fields
- b. Combining two or more data fields ✓
- c. Combining multiple tables
- d. None of the above

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

38. Which diagram is used to find both clustering and Regression? *

- a. Box Plot
- b. Pie Chart
- c. Scatter Plot ✓
- d. Line Graph

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

39. In the below-mentioned code, the Switch function is come under
**Price Point = SWITCH(TRUE(), 'Product Lookup'[ProductPrice] > 500, "High",
'Product Lookup'[ProductPrice] > 100, "Mid-Range", "Low")** *

- a. TEXT Function
- b. LOGICAL Function ✓
- c. FILTER Function
- d. TABLE Function

✗ **Incorrect** 0/2 Points

0 / 2 pts
Auto-graded

40. What is the deciding factor in Linear Regression? *

- a. Correlation Coefficient (r)
- b. Coefficient of Determination (R²) ✓
- c. Coefficient of Distortion (D²)
- d. None of the Above

✗ **Incorrect** 0/2 Points

0 / 2 pts
Auto-graded

41. The code used to count the number of records without duplicates *

- a. Total Orders = DISTINCT('AdventureWorks Sales Data 2022'[OrderNumber])
- b. Total Orders = DISTINCTCOUNT('AdventureWorks Sales Data 2022'[OrderNumber]) ✓
- c. Total Orders = COUNT('AdventureWorks Sales Data 2022'[OrderNumber])
- d. Total Orders = COUNTDISTINCT ('AdventureWorks Sales Data 2022'[OrderNumber])

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

42. Which linkage method is used to find the smaller distance between element in one cluster with element in another cluster? *

- a. Complete Linkage
- b. Single Linkage ✓
- c. Average Linkage
- d. None of the Above

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

43. In the below-mentioned code, if the condition is passed then what will be the output
Quantity Type = IF('Sales Data'[OrderQuantity] > 1, "Multiple Items", "Single Item") *

- a. Single Item
- b. Multiple Items ✓
- c. Both (a) and (b)
- d. None of the Above

✗ **Incorrect** 0/2 Points

0 / 2 pts
Auto-graded

44. DAX is the Expansion of *

- a. Data Analytics Expression
- b. Data Analysis Expression ✓
- c. Data Analysis Extension
- d. All of the these

✗ **Incorrect** 0/2 Points

0 / 2 pts
Auto-graded

45. 1. In the below-mentioned code is used to
**SKU Category = LEFT('AdventureWorks Product Lookup'[ProductSKU],
SEARCH("-",'AdventureWorks Product Lookup'[ProductSKU]) -1) ***

- a. Returns the specified set of characters from last letter of the string
- b. Returns the specified set of characters from first letter of the string ✓
- c. Returns the specified set of characters from middle letter of the string
- d. None of the Above

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

46.

Calculated Column is used to *

- a. Creates the New Variable in the Data Table
- b. Creates Row-Wise records
- c. Create Static Variable
- d. All of the these ✓

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

47. **Which is correct DAX Syntax? ***

- a. FunctionName(DatabaseName(ColumnName))
- b. DatabaseName(TableName(ColumnName))
- c. FunctionName(TableName(ColumnName)) ✓
- d. FunctionName(ColumnName)

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

48. **Calculated Measures is used to ***

- a. Create after Aggregation in the report
- b. Create Dynamic Variable
- c. Does not create new data field
- d. All of these ✓

✓ **Correct** 2/2 Points

2 / 2 pts
Auto-graded

49. **Which is used to find the closeness of responses in the clustering? ***

- a. Manhattan distance
- b. Minkowski distance
- c. Euclidean distance ✓
- d. None of these

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Value Added Course on "DATA ANALYTICS AND VISUALIZATION USING POWER BI" - 31-07-2023 to 02-08-2023

Trainer: Dr. R. Dinesh Babu, Managing Director, Brainswip Edutech Pvt. Ltd., Chennai

STUDENT NAME LIST				INTERNAL ASSESSMENT MARKS					
S.No	Roll Number	Name of the Student	Year & Section	Preseantion Preparation (10)	Algorithms Used(10)	Data Visualization (10)	Query Answering (10)	Total (40)	Total (100)
1	21uad002	AKSHAY PIRANAV. B	III ADS	8	8	8	9	33	83
2	21uad003	SUTHAN. V	III ADS	10	9	9	9	37	93
3	21uad008	HARSHINI. B	III ADS	8	7	8	8	31	78
4	21uad021	HARI HARA SUDHAN. P	III ADS	10	9	10	9	38	95
5	21uad022	HEMA. T	III ADS	9	9	9	9	36	90
6	21uad024	DINESH KUMAR. S	III ADS	7	8	8	9	32	80
7	21uad025	KISHORE KUMAR. L	III ADS	10	9	9	9	37	93
8	21uad027	ANDALPRIYA. C	III ADS	10	9	8	9	36	90
9	21uad028	PERIA MAHALAKSHMI. M	III ADS	9	9	9	9	36	90
10	21uad029	NUTTRENAL. V	III ADS	10	9	9	8	36	90
11	21uad034	RAJA LAKSHMI. K	III ADS	10	9	8	9	36	90
12	21uad045	ROHITH. A	III ADS	7	8	7	7	29	73
13	21uad048	SIVASAARATHI. S	III ADS	10	9	9	9	37	93
14	21uad053	AHAMED SAHIL. A	III ADS	8	8	9	8	33	83
15	21uad057	MANIKKAVASAKAR. T	III ADS	7	7	8	7	29	73
16	21uad058	MARIUMBEL. S	III ADS	10	10	10	7	37	93
17	21uad059	SRINITHI. S	III ADS	10	10	9	9	38	95
18	21uad060	GANESA MOORTHY. M	III ADS	7	8	8	9	32	80
19	21uad062	JENITH JEFSON. V	III ADS	AB					
20	21ucs025	JANA VIKRAM. K. M. S	III CSE -A	10	9	9	9	37	93
21	21ucs028	VIGNESH KUMARAN. A	III CSE -A	8	9	9	9	35	88
22	21ucs035	SHIVAKUMARAN. S	III CSE -A	8	8	9	8	33	83
23	21ucs037	MANIKANDAN. V	III CSE -B	7	7	7	8	29	73
24	21ucs044	PUNITHA BRIDJITH. A	III CSE -A	7	8	8	8	31	78
25	21ucs045	VIGNESH. S	III CSE -B	7	7	7	8	29	73
26	21ucs047	KAMALAKANNAN. G	III CSE -A	9	8	8	9	34	85
27	21ucs070	SHYAM SREERAM. N	III CSE -B	7	7	7	8	29	73
28	21ucs079	THANGA BALAJI. P	III CSE -A	7	7	7	7	28	70
29	21ucs080	RISHIKESH. C	III CSE -A	9	9	8	8	34	85
30	21ucs082	SIVA. K	III CSE -A	9	9	9	8	35	88
31	21ucs084	NITHIS BANGARU. B	III CSE -A	8	9	8	8	33	83
32	21ucs110	SAMSITHA. P.P	III CSE -B	9	8	9	8	34	85
33	21ucs112	JEEVA. J	III CSE -A	7	7	7	7	28	70
34	21ucs116	KOUSHIKAN. S	III CSE -A	7	7	7	7	28	70
35	21ucs120	VIJAY KUMAR. R	III CSE -A	8	9	8	8	33	83
36	21ucs124	NANDHA KUMAR. M	III CSE -A	7	7	7	7	28	70

R. Dinesh Babu
Trainer
Dr. R. Dinesh Babu
Managing Director,
Brainswip Edutech
Pvt. Ltd.

U. Sathilakshmi
Course Coordinator(s)
Ms. S. HEMASWATHI

VAC Coordinator(s)
Dr. G. NIRMALA
Dr. G. VYOMATHESWARI

HOD - CSE.
Dr. A. MEENAKSHI
Meenakshi

INTERNAL

INTERNAL

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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 3. [Faint text]
 4. [Faint text]
 5. [Faint text]

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Value Added Course on
 "DATA ANALYTICS AND VISUALIZATION USING POWER BI"
 31-07-2023 to 05-08-2023**

Trainer: Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt.Ltd., Chennai

Total Number of Students:

S.No.	Department	Section	Roll Number	Student Name	Team Number	Project Title
1	III ADS	N/A	21UAD002	AKSHAY PIRANAV. B	Team 1	Group 5 - Marketing Analytics - Supermarket sales
2	III ADS	N/A	21UAD024	DINESH KUMAR. S		
3	III ADS	N/A	21UAD060	GANESA MOORTHY. M		
4	III CSE	A	21UCS044	PUNITHA BRIDJITH. A	Team 2	Group 2 - Marketing Analytics - Bank Loan Status
5	III CSE	A	21UCS025	JANA VIKRAM. K. M. S		
6	III CSE	A	21UCS080	RISHIKESH. C		
7	III CSE	A	21UCS124	NANDHA KUMAR. M		
8	III CSE	A	21UCS035	SHIVAKUMARAN. S	Team 3	Group 1- HR Analytics - Employee Attrition rate analysis
9	III CSE	A	21UCS047	KAMALAKANNAN. G		
10	III CSE	A	21UCS120	VIJAY KUMAR. R		
11	III CSE	A	21UCS028	VIGNESH KUMARAN. A	Team 4	Group 4 - Marketing Analytics - Social Media Ad campaign
12	III CSE	A	21UCS082	SIVA. K		
13	III CSE	A	21UCS084	NITHIS BANGARU. B		
14	III CSE	B	21UCS037	MANIKANDAN. V	Team 5	Group 5 - Marketing Analytics - Supermarket sales
15	III CSE	B	21UCS045	VIGNESH. S		
16	III CSE	B	21UCS070	SHYAM SREERAM. N		
17	III CSE	A	21UCS079	THANGA BALAJI. P	Team 6	Group 2 - Marketing Analytics - Bank Loan Status
18	III CSE	A	21UCS112	JEEVA. J		
19	III CSE	A	21UCS116	KOUSHIKAN. S		

S.No.	Department	Section	Roll Number	Student Name	Team Number	Project Title
20	III ADS	N/A	21UAD021	HARI HARA SUDHAN. P	Team 7	Group 6 - HR Analytics - Employee Termination Analysis
21	III ADS	N/A	21UAD025	KISHORE KUMAR. L		
22	III ADS	N/A	21UAD053	AHAMED SAHIL. A		
23	III ADS	N/A	21UAD057	MANIKKAVASAKAR. T		
24	III ADS	N/A	21UAD003	SUTHAN. V	Team 8	Group 6 - HR Analytics - Employee Termination Analysis
25	III ADS	N/A	21UAD045	ROHITH. A		
26	III ADS	N/A	21UAD048	SIVASAARATHI. S		
27	III ADS	N/A	21UAD058	MARIUMBEI. S	Team 9	Group 4 - Marketing Analytics - Social Media Ad campaign
28	III ADS	N/A	21UAD059	SRINITHI. S		
29	III CSE	B	21UCS110	SAMSITHA. P.P		
30	III ADS	N/A	21UAD008	HARSHINI. B	Team 10	Group 1- HR Analytics - Employee Attrition rate analysis
31	III ADS	N/A	21UAD022	HEMA. T		
32	III ADS	N/A	21UAD028	PERIA MAHA LAKSHMI. M		
33	III ADS	N/A	21UAD027	ANDALPRIYA. C		
34	III ADS	N/A	21UAD029	NUTTRENAI. V	Team 11	Group 3 - Financial Analytics - Bank Loan Modelling
35	III ADS	N/A	21UAD034	RAJA LAKSHMI. K		

R. D. Babu
5/8/23

Trainer

Dr.R.Dinesh Babu,
Managing Director,
Brainswig Edutech Pvt.Ltd.,
Chennai.

Course Coordinator(s)
5/8/2023

Mrs.S.Athilakshmi
Mrs.S.Hemaswathi

VAC Coordinator(s)
(K)

Dr.G.Nirmala
Dr.G.Uma maheswari

HOD-CSE
Meena

Dr.A.Meenakshi

MARK STATEMENT

VAC on "DATA ANALYTICS AND VISUALIZATION USING POWER BI"

Department:

CSE & ADS

Regulation:2021

Year:

III

Semester: IV

Sl.No.	Roll No.	Reg. No.	Student Name	Internal Marks (40)	External Marks (60)	Total (100)
1	21UAD002	920421243004	AKSHAY PIRANAV. B	33	49	82
2	21UAD003	920421243054	SUTHAN. V	37	38	75
3	21UAD008	920421243013	HARSHINI. B	31	59	90
4	21UAD021	920421243011	HARI HARA SUDHAN. P	38	57	95
5	21UAD022	920421243014	HEMA. T	36	58	94
6	21UAD024	920421243008	DINESH KUMAR. S	32	57	89
7	21UAD025	920421243020	KISHORE KUMAR. L	37	38	75
8	21UAD027	920421243005	ANDALPRIYA. C	36	47	83
9	21UAD028	920421243034	PERIA MAHALAKSHMI.M	36	57	93
10	21UAD029	920421243033	NUTTRENAI. V	36	47	83
11	21UAD034	920421243037	RAJA LAKSHMI. K	36	49	85
12	21UAD045	920421243038	ROHITH. A	29	49	78
13	21UAD048	920421243049	SIVASAARATHI. S	37	56	93
14	21UAD053	920421243002	AHAMED SAHIL. A	33	42	75
15	21UAD057	920421243024	MANIKKAVASAKAR. T	29	60	89
16	21UAD058	920421243025	MARIUMBEI. S	37	47	84
17	21UAD059	920421243052	SRINITHI. S	38	38	76
18	21UAD060	920421243009	GANESA MOORTHY. M	32	43	75
19	21UAD062	920421243302	JENITH JEFSON. V	AB	AB	0
20	21UCS025	920421104032	JANA VIKRAM. K. M. S	37	59	96
21	21UCS028	920421104110	VIGNESH KUMARAN. A	35	45	80
22	21UCS035	920421104093	SHIVAKUMARAN. S	33	53	86
23	21UCS037	920421104057	MANIKANDAN. V	29	56	85
24	21UCS044	920421104078	PUNITHA BRIDJITH. A	31	41	72
25	21UCS045	920421104113	VIGNESH. S	29	57	86
26	21UCS047	920421104038	KAMALAKANNAN. G	34	49	83
27	21UCS070	920421104095	SHYAM SREERAM. N	29	60	89
28	21UCS079	920421104105	THANGA BALAJI. P	28	60	88
29	21UCS080	920421104082	RISHIKESH. C	34	44	78
30	21UCS082	920421104096	SIVA. K	35	40	75
31	21UCS084	920421104067	NITHIS BANGARU. B	33	42	75
32	21UCS110	920421104086	SAMSITHA. P.P	34	46	80
33	21UCS112	920421104033	JEEVA. J	28	53	81
34	21UCS116	920421104049	KOUSHIKAN. S	28	47	75
35	21UCS120	920421104114	VIJAY KUMAR. R	33	60	93
36	21UCS124	920421104305	NANDHA KUMAR. M	28	43	71

Coordinators

VAC Coordinators

HoD-CSE

Dean (Academic Courses)

Mrs. S. Athilakshmi
Mrs. S. Hemaswathi

Dr. U. Nirmala

HoD-CSE

Dean (Academic Courses)

A.S - Ban
23/9/23

MARK STATEMENT

VAC on "DATA ANALYTICS AND VISUALIZATION USING POWER BI"

Department: CSE & ADS

Year: III

Sl.No.	Roll No.	Reg. No.	Student Name	Total (100)
1	21UAD002	920421243004	AKSHAY PIRANAV. B	82
2	21UAD003	920421243054	SUTHAN. V	75
3	21UAD008	920421243013	HARSHINI. B	90
4	21UAD021	920421243011	HARI HARA SUDHAN. P	95
5	21UAD022	920421243014	HEMA. T	94
6	21UAD024	920421243008	DINESH KUMAR. S	89
7	21UAD025	920421243020	KISHORE KUMAR. L	75
8	21UAD027	920421243005	ANDALPRIYA. C	83
9	21UAD028	920421243034	PERIA MAHALAKSHMI.M	93
10	21UAD029	920421243033	NUTTRENAI. V	83
11	21UAD034	920421243037	RAJA LAKSHMI. K	85
12	21UAD045	920421243038	ROHITH. A	78
13	21UAD048	920421243049	SIVASAARATHI. S	93
14	21UAD053	920421243002	AHAMED SAHIL. A	75
15	21UAD057	920421243024	MANIKKAVASAKAR. T	89
16	21UAD058	920421243025	MARIUMBEI. S	84
17	21UAD059	920421243052	SRINITHI. S	76
18	21UAD060	920421243009	GANESA MOORTHY. M	75
19	21UAD062	920421243302	JENITH JEFSON. V	0
20	21UCS025	920421104032	JANA VIKRAM. K. M. S	96
21	21UCS028	920421104110	VIGNESH KUMARAN. A	80
22	21UCS035	920421104093	SHIVAKUMARAN. S	86
23	21UCS037	920421104057	MANIKANDAN. V	85
24	21UCS044	920421104078	PUNITHA BRIDJITH. A	72
25	21UCS045	920421104113	VIGNESH. S	86
26	21UCS047	920421104038	KAMALAKANNAN. G	83
27	21UCS070	920421104095	SHYAM SREERAM. N	89
28	21UCS079	920421104105	THANGA BALAJI. P	88
29	21UCS080	920421104082	RISHIKESH. C	78
30	21UCS082	920421104096	SIVA. K	75
31	21UCS084	920421104067	NITHIS BANGARU. B	75
32	21UCS110	920421104086	SAMSITHA. P.P	80
33	21UCS112	920421104033	JEEVA. J	81
34	21UCS116	920421104049	KOUSHIKAN. S	75
35	21UCS120	920421104114	VIJAY KUMAR. R	93
36	21UCS124	920421104305	NANDHA KUMAR. M	71

[Signature]
Coordinators

Mrs. S. Athikumar
Mr. S. Hemaswathu

[Signature]
VAC Coordinators

Dr. K. Nigamala

[Signature]
HoD-CSE

[Signature]
R.J - Sar
23/9/23

Dean (Academic Courses)

Feedback on Value Added Course - "DATA ANALYTICS AND VISUALIZATION USING POWER BI" 31.7.23

35
Responses

01:49
Average time to complete

Active
Status

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) (0 point)

35
Responses

Latest Responses

- "R.Hari Priya"
- "S. Nithya"
- "Dr.R.Ramya"

Update

4 respondents (13%) answered Ms for this question.

MSKRaja Lakshmi Dinesh kumars Ganesa MoorthyN
 Nuttrenai V Vignesh s P P Samsitha P
 Vikram Mr Ms S B PIRANAV B KI
 Rvijay kumar Kumar jeeva j Bangaru B Jana
 Shyam SreeramN

2. Designation (0 point)

- Student 32
- Faculty Member 3



3. Roll Number (0 point)

35
Responses

Latest Responses

"T2304732"

"T2304733"

"T0205078"

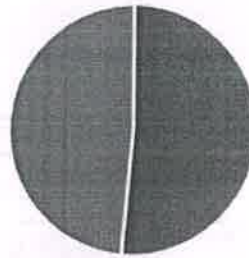
Update

1 respondents (3%) answered 21UAD002 for this question.

21uad008 21ucs047
 21ucs112 21ucs079 21UAD058 21uad028 21UCS
 21UAD048 21ucs070 21UAD002 21uad022 21ucs028
 21uad025 21uad021 21ucs084 21ucs080 21ucs110
 21ucs120 21uad034 21ucs116

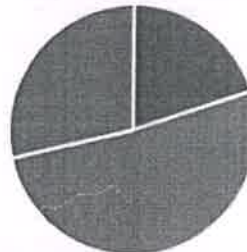
4. Department (0 point)

- Artificial Intelligence and Data S... 18
- Computer Science and Engineer... 17



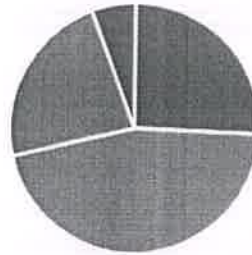
5. Were objectives of the Program met? (0 point)

- Completely agree 7
- Strongly agree 18
- Agree 10
- Partially agree 0
- Disagree 0



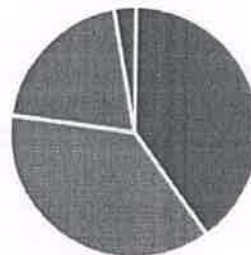
6. Was the Program sequence well planned? (0 point)

<input type="radio"/> Completely agree	9
<input type="radio"/> Strongly agree	16
<input type="radio"/> Agree	8
<input type="radio"/> Partially agree	2
<input type="radio"/> Disagree	0



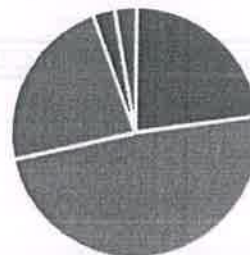
7. Were the lectures clear and easy to understand? (0 point)

<input type="radio"/> Completely agree	14
<input type="radio"/> Strongly agree	13
<input type="radio"/> Agree	7
<input type="radio"/> Partially agree	1
<input type="radio"/> Disagree	0



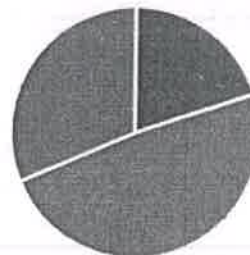
8. Whether the instructors encouraged the interaction? (0 point)

<input type="radio"/> Completely agree	8
<input type="radio"/> Strongly agree	17
<input type="radio"/> Agree	8
<input type="radio"/> Partially agree	1
<input type="radio"/> Disagree	1



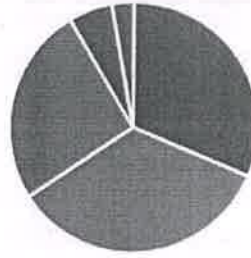
9. The information delivered at this Program was highly beneficial? (0 point)

<input type="radio"/> Completely agree	7
<input type="radio"/> Strongly agree	17
<input type="radio"/> Agree	11
<input type="radio"/> Partially agree	0
<input type="radio"/> Disagree	0



10. Organization of the Program was good? (0 point)

- Completely agree 11
- Strongly agree 12
- Agree 9
- Partially agree 2
- Disagree 1



11. Comments/Suggestions (0 point)

27 Responses

Latest Responses

"very useful"

"Nice"

Update

9 respondents (28%) answered good for this question.

Teaching skill
 classes are so good
 sessions are good
 better

course
good
 Nil

skill was nice
 Good session
 NO
 effective
 session for an IT profess

Coordinator's
S. Thiya

Mural
 HOD-CSE.

Review: Feedback on Value Added Course - "DATA ANALYTICS AND VISUALIZATION USING POWER BI" 31.7.23

Respondent
28 ANDALPRIYA.C

03:53
Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) * Score / 0 pts

Ms. ANDALPRIYA C

2. Designation * Score / 0 pts

- Student
- Faculty Member

3. Roll Number * Score / 0 pts

21UAD027

4. Department * Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

5. Were objectives of the Program met? * Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

6. Was the Program sequence well planned? * Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

This course will help me to learn better and effective

Review: Feedback on Value Added Course - "DATA ANALYTICS AND VISUALIZATION USING POWER BI" 31.7.23

Respondent

31 JANAVIKRAM.K.M.S

03:43

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

Mr. Jana Vikram K.M.S

2. Designation *

Score / 0 pts

- Student
- Faculty Member

3. Roll Number *

Score / 0 pts

21ucs025

4. Department *

Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

Good session for an IT professional.

Review: Feedback on Value Added Course - "DATA ANALYTICS AND VISUALIZATION USING POWER BI" 31.7.23

Respondent

2 AKSHAY PIRANAV B

01:00

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

2. Designation *

Score / 0 pts

- Student
- Faculty Member

3. Roll Number *

Score / 0 pts

4. Department *

Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

Feedback on Value Added Course -"DATA ANALYTICS AND VISUALIZATION USING POWER BI"01-08-2023

33
Responses

01:18
Average time to complete

Active
Status

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) (0 point)

33
Responses

Latest Responses

"Ms.Nithya S"

"Ms,S. Mariumbei"

"R.Hari Priya"

Update

3 respondents (9%) answered Mr for this question.



2. Designation (0 point)

- Student 30
- Faculty Member 3



3. Roll Number (0 point)

33 Responses

Latest Responses

- "T2307433"
- "21uad058"
- "T2304732"

Update

1 respondents (3%) answered 21ucs110 for this question.

21ucs079 21ucs112
 21ucs084 21ucs120 21ucs044 21uad034 21ucs1
 21UAD027 21uad028 21ucs110 21uad059 21UAD002
 21uad021 21UAD048 21ucs037 21uad022 21ucs035
 21ucs047 21ucs028 21uad025

4. Department (0 point)

- Artificial Intelligence and Data S... 16
- Computer Science and Engineer... 17



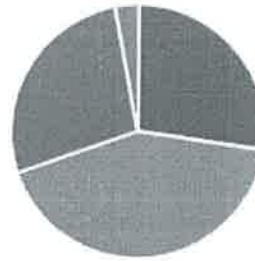
5. Were objectives of the Program met? (0 point)

- Completely agree 12
- Strongly agree 10
- Agree 11
- Partially agree 0
- Disagree 0



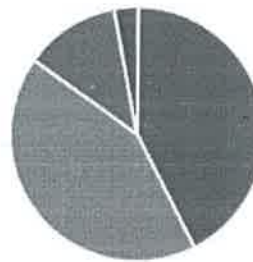
6. Was the Program sequence well planned? (0 point)

<input type="radio"/> Completely agree	9
<input type="radio"/> Strongly agree	14
<input type="radio"/> Agree	9
<input type="radio"/> Partially agree	0
<input type="radio"/> Disagree	1



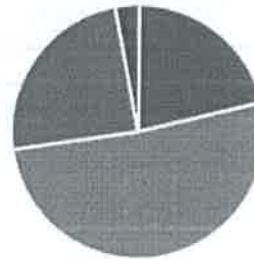
7. Were the lectures clear and easy to understand? (0 point)

<input type="radio"/> Completely agree	14
<input type="radio"/> Strongly agree	14
<input type="radio"/> Agree	4
<input type="radio"/> Partially agree	1
<input type="radio"/> Disagree	0



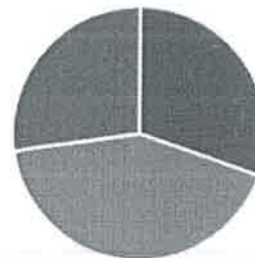
8. Whether the instructors encouraged the interaction? (0 point)

<input type="radio"/> Completely agree	7
<input type="radio"/> Strongly agree	17
<input type="radio"/> Agree	8
<input type="radio"/> Partially agree	1
<input type="radio"/> Disagree	0



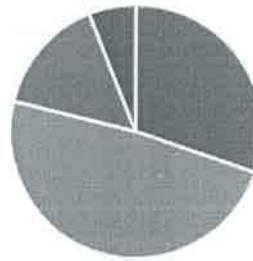
9. The information delivered at this Program was highly beneficial? (0 point)

<input type="radio"/> Completely agree	10
<input type="radio"/> Strongly agree	14
<input type="radio"/> Agree	9
<input type="radio"/> Partially agree	0
<input type="radio"/> Disagree	0



10. Organization of the Program was good? (0 point)

● Completely agree	10
● Strongly agree	16
● Agree	5
● Partially agree	2
● Disagree	0



11. Comments/Suggestions (0 point)

24 Responses

Latest Responses

"nICE"

"Nothing"

" understood and very useful"

Update

2 respondents (6%) answered **session was good** for this question.

SLIGHTLY LAGGED **understood and very useful**
TIME session was good **Nil**
No nice interaction great session INTERACTIC

Review: Feedback on Value Added Course -"DATA ANALYTICS AND VISUALIZATION USING POWER BI"01-08-2023

Respondent

1 Ramya

00:25

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K) *

Score / 0 pts

2. Designation *

Score / 0 pts

- Student
- Faculty Member

3. Roll Number *

Score / 0 pts

4. Department *

Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree



7. Were the lectures clear and easy to understand? * Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? * Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? * Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? * Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions * Score / 0 pts

Review: Feedback on Value Added Course -"DATA ANALYTICS AND VISUALIZATION USING POWER BI"01-08-2023

Respondent

17 AHAMED SAHILA

02:32

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

MR.AHAMED SAHILA

2. Designation *

Score / 0 pts

- Student
- Faculty Member

3. Roll Number *

Score / 0 pts

21UAD053

4. Department *

Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

Well and Good

Review: Feedback on Value Added Course -"DATA ANALYTICS AND VISUALIZATION USING POWER BI"01-08-2023

Respondent

15 ANDALPRIYA.C

01:56

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

Ms.C.ANDALPRIYA

2. Designation *

Score / 0 pts

- Student
- Faculty Member

3. Roll Number *

Score / 0 pts

21UAD027

4. Department *

Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

The session was good and well planned.

Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"02-08-2023

37

Responses

01:28

Average time to complete

Active

Status

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) (0 point)

37

Responses

Latest Responses

"S.Nithya"

"Kamalakannan G"

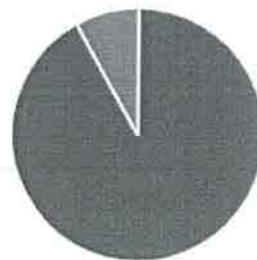
"R. Hari Priya"

3 respondents (8%) answered **Mr** for this question.

Nandha kumarM jeeva j Nuttrenai V MRAHAMED SA
SRINITHI S Samsitha P VIJAY KU
P P B Mr Ms R Hari Priya Ramy.
Bangaru B Vignesh S PIRANAV B MRAKS
PThanga Balaji Dinesh kumars KRaja Lakshmi

2. Designation (0 point)

- Student 34
- Faculty Member 3



3. Roll Number (0 point)

37
Responses

Latest Responses

- "T2304733"
- "21ucs047"
- "T2304732"

1 respondents (3%) answered 21ucs037 for this question.

21uad057 21UAD002
 21ucs080 21uad060 21uad024 21ucs116 21uad(

 21ucs120 21uad034 21ucs037 21uad028 21uad021

 21ucs028 21ucs079 21ucs110 21uad008 21ucs112

 21ucs082 21ucs044 21ucs084

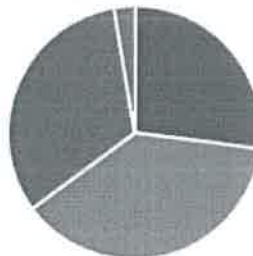
4. Department (0 point)

- Artificial Intelligence and Data S... 18
- Computer Science and Engineer... 19



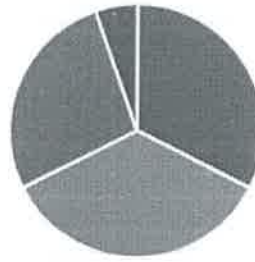
5. Were objectives of the Program met? (0 point)

- Completely agree 10
- Strongly agree 14
- Agree 12
- Partially agree 0
- Disagree 1



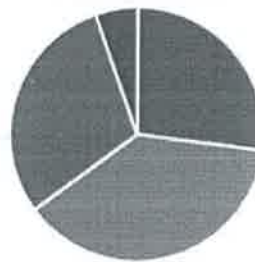
6. Was the Program sequence well planned? (0 point)

- Completely agree 12
- Strongly agree 13
- Agree 10
- Partially agree 2
- Disagree 0



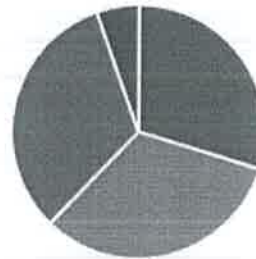
7. Were the lectures clear and easy to understand? (0 point)

- Completely agree 10
- Strongly agree 14
- Agree 11
- Partially agree 2
- Disagree 0



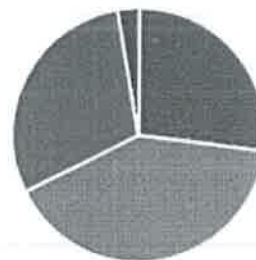
8. Whether the instructors encouraged the interaction? (0 point)

- Completely agree 11
- Strongly agree 12
- Agree 12
- Partially agree 2
- Disagree 0



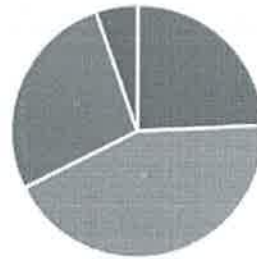
9. The information delivered at this Program was highly beneficial? (0 point)

- Completely agree 10
- Strongly agree 15
- Agree 11
- Partially agree 1
- Disagree 0



10. Organization of the Program was good? (0 point)

● Completely agree	9
● Strongly agree	16
● Agree	10
● Partially agree	2
● Disagree	0



11. Comments/Suggestions (0 point)

27 Responses

Latest Responses

"NICE"

"**"

"Useful session"

Update

7 respondents (19%) answered **good** for this question.

powerBi Informative session clear initiative and very useful
 session was good
 details from power todays class **good** Nil class is so nice things
 practical learning newly bi good initiative Useful session perfect
 well&good Compulsory question unknown details

Review: Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"02-08-2023

Respondent

35 HARIPRIYA.R

01:16

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

R. Hari Priya

2. Designation *

Score / 0 pts

- Student
- Faculty Member

3. Roll Number *

Score / 0 pts

T2304732

4. Department *

Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

Useful session

Review: Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"02-08-2023

Respondent

5 GANESA MOORTHY.M

01:03

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

GANESA MOORTHY.M

2. Designation *

Score / 0 pts

- Student
- Faculty Member

3. Roll Number *

Score / 0 pts

21uad060

4. Department *

Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

well&good

Review: Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"02-08-2023

Respondent

3 HARSHINI.B

04:06

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

2. Designation *

Score / 0 pts

- Student
- Faculty Member

3. Roll Number *

Score / 0 pts

4. Department *

Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

good

Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"03-08-2023

36
Responses

01:14
Average time to complete

Active
Status

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) (0 point)

36
Responses

Latest Responses

"R.Haripriya "

"B.Harshini "

"Mariumbei S"

Update

3 respondents (9%) answered S for this question.

Shyam SreeramN jeeva j

MRAHAMED SAHILA PIRANAV B

Dinesh kumars Kumar

SRINITHI S Mariumbei S

PThanga Balaji Samsitha P

Mr P P

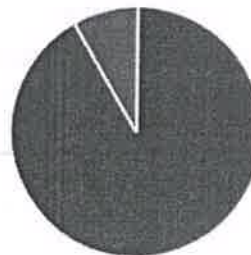
Nuttrenai V Peria MahalakshmiM

Vignesh S VIJAY KUI

KRaja Lakshmi Kishore

2. Designation (0 point)

- Student 33
- Faculty Member 3



3. Roll Number (0 point)

36
Responses

Latest Responses

"T2304732"

"21UAD008 "

"21uad058 "

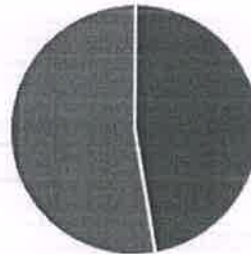
Update

1 respondents (3%) answered 21ucs080 for this question.

21ucs110 21uad024
 21uad022 21ucs079 21ucs025 21ucs082 21uad024
 21ucs047 21uad034 21ucs080 21ucs112 21ucs124
 21uad057 21uad027 21UAD048 21uAD025 21ucs116
 21ucs120 21ucs084 21ucs044

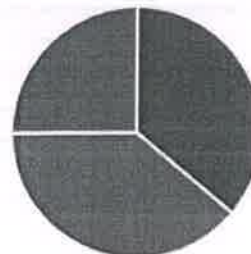
4. Department (0 point)

- Artificial Intelligence and Data S... 17
- Computer Science and Engineer... 19



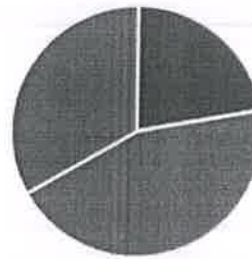
5. Were objectives of the Program met? (0 point)

- Completely agree 13
- Strongly agree 14
- Agree 9
- Partially agree 0
- Disagree 0



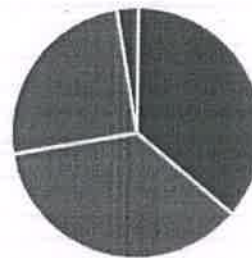
6. Was the Program sequence well planned? (0 point)

<input type="radio"/> Completely agree	8
<input type="radio"/> Strongly agree	16
<input type="radio"/> Agree	12
<input type="radio"/> Partially agree	0
<input type="radio"/> Disagree	0



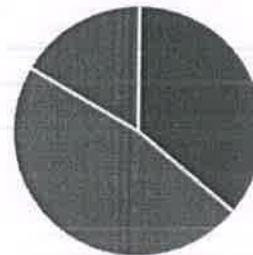
7. Were the lectures clear and easy to understand? (0 point)

<input type="radio"/> Completely agree	13
<input type="radio"/> Strongly agree	13
<input type="radio"/> Agree	9
<input type="radio"/> Partially agree	1
<input type="radio"/> Disagree	0



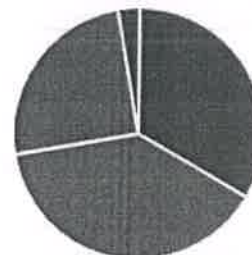
8. Whether the instructors encouraged the interaction? (0 point)

<input type="radio"/> Completely agree	13
<input type="radio"/> Strongly agree	17
<input type="radio"/> Agree	6
<input type="radio"/> Partially agree	0
<input type="radio"/> Disagree	0



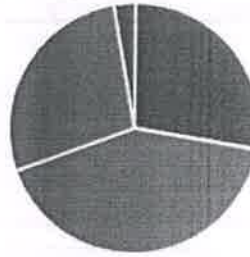
9. The information delivered at this Program was highly beneficial? (0 point)

<input type="radio"/> Completely agree	12
<input type="radio"/> Strongly agree	14
<input type="radio"/> Agree	9
<input type="radio"/> Partially agree	1
<input type="radio"/> Disagree	0



10. Organization of the Program was good? (0 point)

- Completely agree 10
- Strongly agree 15
- Agree 10
- Partially agree 1
- Disagree 0



11. Comments/Suggestions (0 point)

25
Responses

Latest Responses

"Very useful"

"Good"

"Bonafide mentor "

Update

4 respondents (12%) answered **good** for this question.

Compulsory Question

Nil **good**

clear view

session

project

Nice

Bonafide mentor

informative session

No

session was good

Review: Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"03-08-2023

Respondent

11 SUTHAN.V

00:54

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

Mr.Suthan.V

2. Designation *

Score / 0 pts

Student

Faculty Member

3. Roll Number *

Score / 0 pts

21UAD003

4. Department *

Score / 0 pts

Artificial Intelligence and Data Science

Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

Completely agree

Strongly agree

Agree

Partially agree

Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

Completely agree

Strongly agree

Agree

Partially agree

Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

The session was good

Review: Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"03-08-2023

Respondent

10 AHAMED SAHILA

02:26

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

MR AHAMED SAHILA

2. Designation *

Score / 0 pts

- Student
- Faculty Member

3. Roll Number *

Score / 0 pts

21UAD053

4. Department *

Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

very well

Review: Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"03-08-2023

Respondent

8 SIVA SAARATHI.S

00:34

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

S SIVASAARATHI

2. Designation *

Score / 0 pts

- Student
- Faculty Member

3. Roll Number *

Score / 0 pts

21UAD048

4. Department *

Score / 0 pts

- Artificial Intelligence and Data Science
- Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

Nil

Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"04-08-2023

33
Responses

00:49
Average time to complete

Active
Status

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) (0 point)

33
Responses

Latest Responses
"Mrs.Nithya.S"
"Mr. Kishore Kumar L."
"Shyam Sreeram.N"

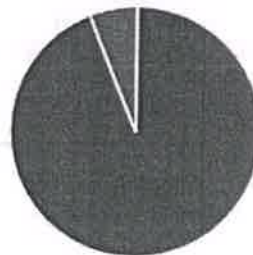
Update

4 respondents (13%) answered Ms for this question.

Punitha Nandha kumarM Raja
 Lakshmi Samsitha P PIRANAV B Shyam Sre
 Nuttrenai V Mr Ms S Bjeeva j
 K Vignesh S P P Bangaru B
 Vijay kumarR Peria MahalakshmiM MRAHAMED SAHILA

2. Designation (0 point)

- Student 31
- Faculty Member 2



3. Roll Number (0 point)

33
Responses

Latest Responses

"T2304733"
"21UAD025"
"21ucs070"

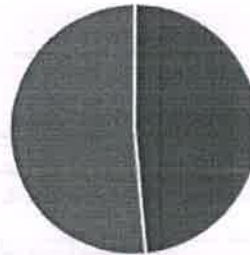
Update

1 respondents (3%) answered 21ucs110 for this question.

21ucs084 21UAD002
 21ucs116 21uad028 21uad024 21uad057 21ucs
 21uad059 21uad058 21ucs110 21ucs112 21uad027
 21ucs028 21ucs124 21uad008 21ucs080 21UAD034
 21UAD048 21uad022 21ucs120

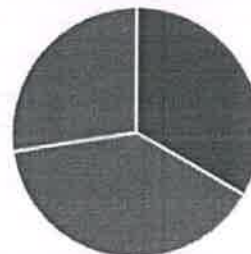
4. Department (0 point)

- Artificial Intelligence and Data S... 16
- Computer Science and Engineer... 17



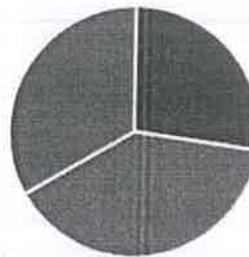
5. Were objectives of the Program met? (0 point)

- Completely agree 11
- Strongly agree 13
- Agree 9
- Partially agree 0
- Disagree 0



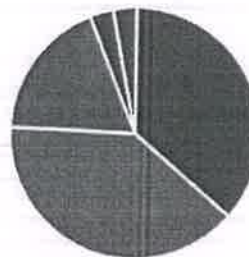
6. Was the Program sequence well planned? (0 point)

<input type="radio"/> Completely agree	9
<input type="radio"/> Strongly agree	13
<input type="radio"/> Agree	11
<input type="radio"/> Partially agree	0
<input type="radio"/> Disagree	0



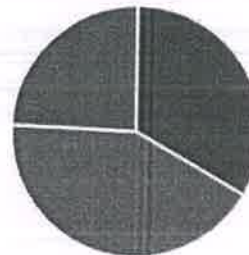
7. Were the lectures clear and easy to understand? (0 point)

<input type="radio"/> Completely agree	12
<input type="radio"/> Strongly agree	13
<input type="radio"/> Agree	6
<input type="radio"/> Partially agree	1
<input type="radio"/> Disagree	1



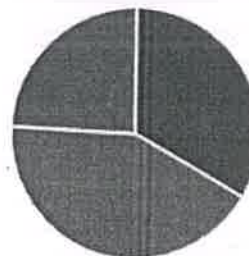
8. Whether the instructors encouraged the interaction? (0 point)

<input type="radio"/> Completely agree	11
<input type="radio"/> Strongly agree	14
<input type="radio"/> Agree	8
<input type="radio"/> Partially agree	0
<input type="radio"/> Disagree	0



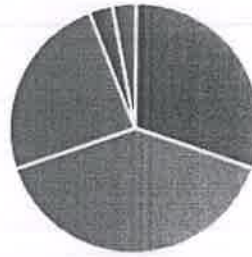
9. The information delivered at this Program was highly beneficial? (0 point)

<input type="radio"/> Completely agree	11
<input type="radio"/> Strongly agree	14
<input type="radio"/> Agree	8
<input type="radio"/> Partially agree	0
<input type="radio"/> Disagree	0



10. Organization of the Program was good? (0 point)

- Completely agree 10
- Strongly agree 13
- Agree 8
- Partially agree 1
- Disagree 1



11. Comments/Suggestions (0 point)

25 Responses

Latest Responses

"Nice"

" "

Update

6 respondents (19%) answered **Good** for this question.

Good explanation nice Nil different concepts None
 sessions are good **Good** session understand
 nothing concepts **Good** session understand
 Learnt
 No Informative session new concepts interactive session Great
 Okokokokokokokok

Review: Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"04-08-2023

Respondent

14 ANDALPRIYA.C

00:57

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

Ms.Andalpriya C

2. Designation *

Score / 0 pts

Student

Faculty Member

3. Roll Number *

Score / 0 pts

21uad027

4. Department *

Score / 0 pts

Artificial Intelligence and Data Science

Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

Completely agree

Strongly agree

Agree

Partially agree

Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

Completely agree

Strongly agree

Agree

Partially agree

Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

nice and understandable session

Review: Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"04-08-2023

Respondent

7 NUTTRENAI.V

01:17

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

Ms. Nuttrenai V

2. Designation *

Score / 0 pts

Student

Faculty Member

3. Roll Number *

Score / 0 pts

21UAD029

4. Department *

Score / 0 pts

Artificial Intelligence and Data Science

Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

Completely agree

Strongly agree

Agree

Partially agree

Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

Completely agree

Strongly agree

Agree

Partially agree

Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

Had an interactive session. Learnt new concepts.

Review: Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"04-08-2023

Respondent

8 MARIUMBELS

00:36

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

Ms,S MARIUMBEL

2. Designation *

Score / 0 pts

Student

Faculty Member

3. Roll Number *

Score / 0 pts

21uad058

4. Department *

Score / 0 pts

Artificial Intelligence and Data Science

Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

Completely agree

Strongly agree

Agree

Partially agree

Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

Completely agree

Strongly agree

Agree

Partially agree

Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

None

Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"05-08-2023

32
Responses

01:38
Average time to complete

Active
Status

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) (0 point)

32
Responses

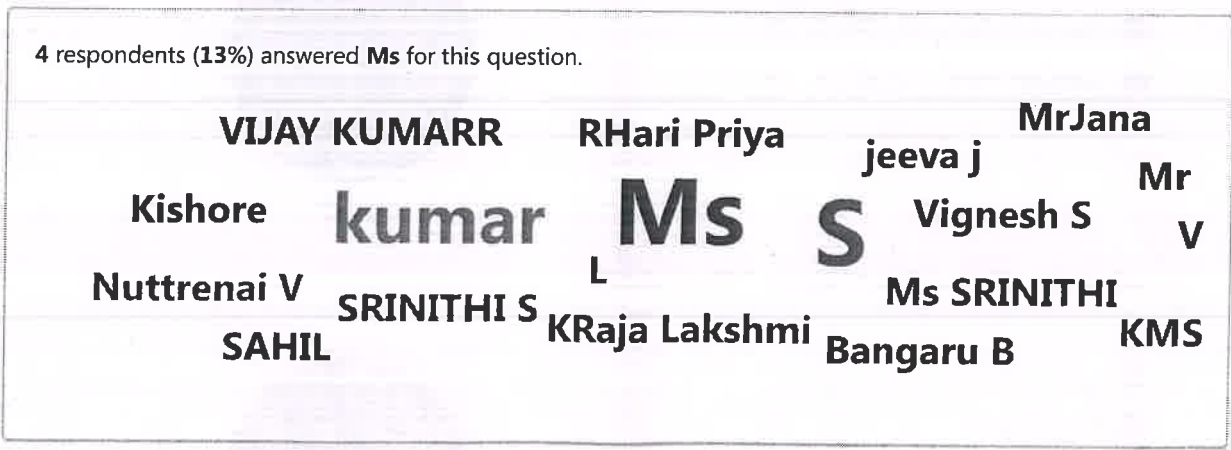
Latest Responses

"R.Hari Priya"

"K.Raja Lakshmi"

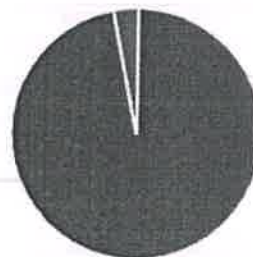
"AHAMED SAHIL .A"

4 respondents (13%) answered **Ms** for this question.



2. Designation (0 point)

- Student 31
- Faculty Member 1



3. Roll Number (0 point)

32
Responses

Latest Responses

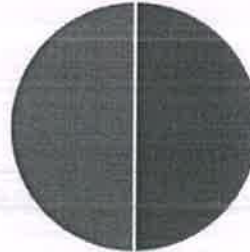
- "T2304732"
- "21uad034"
- "21UAD053"

1 respondents (3%) answered 21UAD048 for this question.

21uad022 21uad059
 21ucs124 21ucs037 21ucs082 21ucs080 21uad0
 21uad008 21uad057 21UAD048 21uad024 21ucs025
 21ucs112 21ucs028 21UAD025 21ucs047 21UCS084
 21ucs116 21ucs044 21uad028

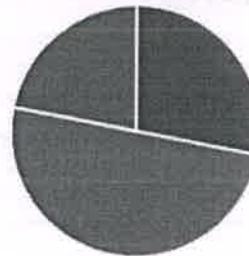
4. Department (0 point)

- Artificial Intelligence and Data S... 16
- Computer Science and Engineer... 16



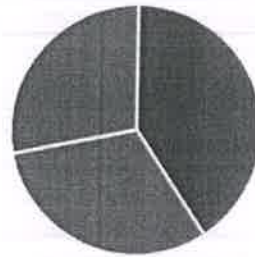
5. Were objectives of the Program met? (0 point)

- Completely agree 9
- Strongly agree 16
- Agree 7
- Partially agree 0
- Disagree 0



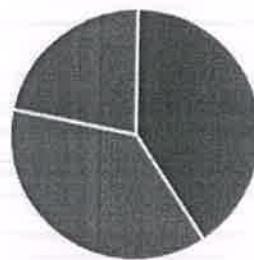
6. Was the Program sequence well planned? (0 point)

<input type="radio"/> Completely agree	13
<input type="radio"/> Strongly agree	10
<input type="radio"/> Agree	9
<input type="radio"/> Partially agree	0
<input type="radio"/> Disagree	0



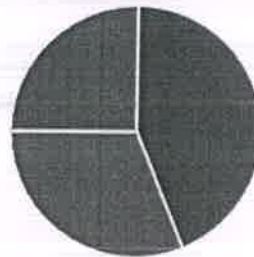
7. Were the lectures clear and easy to understand? (0 point)

<input type="radio"/> Completely agree	13
<input type="radio"/> Strongly agree	12
<input type="radio"/> Agree	7
<input type="radio"/> Partially agree	0
<input type="radio"/> Disagree	0



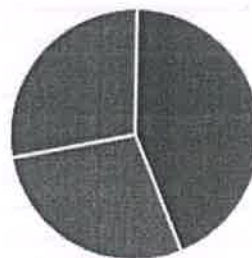
8. Whether the instructors encouraged the interaction? (0 point)

<input type="radio"/> Completely agree	14
<input type="radio"/> Strongly agree	10
<input type="radio"/> Agree	8
<input type="radio"/> Partially agree	0
<input type="radio"/> Disagree	0



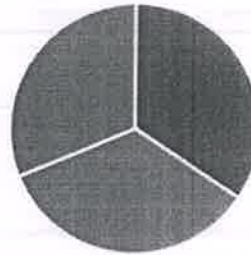
9. The information delivered at this Program was highly beneficial? (0 point)

<input type="radio"/> Completely agree	14
<input type="radio"/> Strongly agree	9
<input type="radio"/> Agree	9
<input type="radio"/> Partially agree	0
<input type="radio"/> Disagree	0



10. Organization of the Program was good? (0 point)

● Completely agree	11
● Strongly agree	11
● Agree	10
● Partially agree	0
● Disagree	0



11. Comments/Suggestions (0 point)

23 Responses

Latest Responses

"useful course"

"Had an best experience!!this is a wonderful hands on section.....than..."

Update

6 respondents (19%) answered **Good** for this question.

understandable **clear idea** **external co** **sessions are good expertise**
experience **Great thing nice** **Good** **BI tool**
career **wonderful Hands** **useful** **hands on section**
Learnt alot **Power BI** **great patience** **bi is very useful** **ordinator**
useful course

Review: Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"05-08-2023

Respondent

19 ANDALPRIYA.C

02:13

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

Ms Andalpriya C

2. Designation *

Score / 0 pts



Student



Faculty Member

3. Roll Number *

Score / 0 pts

21uad027

4. Department *

Score / 0 pts



Artificial Intelligence and Data Science



Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts



Completely agree



Strongly agree



Agree



Partially agree



Disagree

6. Was the Program sequence well planned? *

Score / 0 pts



Completely agree



Strongly agree



Agree



Partially agree



Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

good and interactive sessions

Review: Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"05-08-2023

Respondent

2 VIGHNESH.S

00:36

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

Vignesh S

2. Designation *

Score / 0 pts

Student

Faculty Member

3. Roll Number *

Score / 0 pts

21ucs045

4. Department *

Score / 0 pts

Artificial Intelligence and Data Science

Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

Completely agree

Strongly agree

Agree

Partially agree

Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

Completely agree

Strongly agree

Agree

Partially agree

Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

Review: Feedback on Value Added Course "DATA ANALYTICS AND VISUALIZATION USING POWER BI"05-08-2023

Respondent

8 KISHORE KUMAR,L

02:21

Time to complete

1. Name of the Participant(Eg: Ms. / Mr. Kamarajar K.) *

Score / 0 pts

Mr. Kishore Kumar L

2. Designation *

Score / 0 pts

Student

Faculty Member

3. Roll Number *

Score / 0 pts

21UAD025

4. Department *

Score / 0 pts

Artificial Intelligence and Data Science

Computer Science and Engineering

5. Were objectives of the Program met? *

Score / 0 pts

Completely agree

Strongly agree

Agree

Partially agree

Disagree

6. Was the Program sequence well planned? *

Score / 0 pts

Completely agree

Strongly agree

Agree

Partially agree

Disagree

7. Were the lectures clear and easy to understand? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

8. Whether the instructors encouraged the interaction? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

9. The information delivered at this Program was highly beneficial? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

10. Organization of the Program was good? *

Score / 0 pts

- Completely agree
- Strongly agree
- Agree
- Partially agree
- Disagree

11. Comments/Suggestions *

Score / 0 pts

power bi is very useful for us and learned many things in that and external co-ordinator was teached nice and understandable .



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Value Added Course on

DATA ANALYTICS AND VISUALIZATION USING POWER BI

Total Number of Students: 36

Date: 31-07-2023 to 05-08-2023

Trainer Name: Dr.R.Dinesh Babu, Managing Director
Brainswig Edutech Pvt. Ltd., Chennai

REPORT

The Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology is conducted a Value Added Course on “DATA ANALYTICS AND VISUALIZATION USING POWER BI” in association with Brainswig Edutech Pvt. Ltd., Chennai for III year CSE and III year ADS students from 31-07-2023 to 05-08-2023 Resource person Dr. R. Dinesh Babu, Managing Director, Brainswig Edutech Pvt. Ltd., has handled the sessions.

The resource person conducted the course in an interactive manner. Students had practical sessions that helped them analyze the datasets. The six-day programme was really an eye-opening session to present information through visual rendering, and it was useful for their career development in the data analytics and visualaization domain.

An introduction to data analytics and Power BI basics was demonstrated on Day 1. Various statistical measures and data visualization charts like Line plots, Bar charts, Pie charts, and Area charts for real-time applications were demonstrated on Day 2. On Day 3, Regression analysis and the formulation of a regression model were explained with real-time examples. Machine Learning Algorithms like association, classification, and clustering using Power BI were demonstrated on Day 4. The SQL connectivity and reports demonstrated on Day 5. Students were grouped and assigned real-time projects to perform data analytics and visualization and also predict the features. The student's presentations on the assigned project are scheduled for Day 6. Students implemented the projects, completed the analytics of the data, and generated the visualizations of the data. Based on their performance, they were assessed, and the grades were given. Student feedback was collected for all six days, and they felt it was an informative and interactive session. Overall, the value added course went well, and it helped to create interactive graphs and charts to gain business insights.



GPS Map Camera

Colleg
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Google



Chittoor, Tamil Nadu, India
 MXF7+4XH, NH 44, Chittoor, Tamil Nadu
 625701, India
 Lat 9.673089°
 Long 77.964912°
 02/08/23 12:23 PM GMT +05:30



GPS Map Camera

Google



Chittoor, Tamil Nadu, India
 MXF7+9XG, Chittoor, Tamil Nadu 625701, India
 Lat 9.673486°
 Long 77.964945°
 04/08/23 10:22 AM GMT +05:30

A. Jeyaraj
5/8/23

Trainer
 Pt. R. Dinesh Babu
 Managing Director,
 Brahmavaram EduTech
 Pvt. Ltd.

Dr. S. Athilakshmi
3/8/23
Ms. S. Hemavathi
5/8/23

Course Coordinators
 Ms. S. ATHILAKSHMI
 Ms. S. HEMAVATHI

Dr. G. N. Anand
Dr. G. V. Maheswari

VAC Coordinators

Murali

HoD-CSE
 Pt. A. MEENAKSHI



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Department of Computer Science and Engineering

VALUE ADDED COURSES - Minutes

Value Added Courses are very important to bridge the gap between the academic and industry needs. These courses which help a particular individual to develop their own skills in their chosen field of the study are conducted by professionals and industry experts. They help students stand apart from the rest in the job market by adding further value to their resume.

A meeting was conducted on 20-07-2023 at 10.30am in the Department Office to discuss the various points about Value Added Courses.

I.Members present:

1. Dr.A.Meenakshi, Head & Professor
2. Value Added Course Co-ordinators
 - a. Dr.G.Nirmala, AP-CSE
 - b. Dr.G.Uma Maheswari AP-CSE
3. Three Member Committee
 - a. Dr.R.Muthuselvi Prof-CSE
 - b. Dr.P.Praveen Kumar AP-CSE
 - c. Dr.G.Nirmala AP-CSE

II.Agenda

1. Guide lines for Value Added Courses (VAC)
2. Faculty members' domain of interest and Students' options
3. Identification of Value Added Courses and Trainers from Industries

III.Minutes

1. Guidelines of VAC are discussed.

- The students may optionally undergo value added courses offered by experts from industry / other institutions (Academic / Research) / institution faculty on specialized topics.
- Every 15 period course will be given 1 credit.
- If the value added course is a theory, then the contact hours in a day shall not exceed four periods.
- The courses shall be conducted without affecting the regular academic schedule.
- Candidates can complete such courses during 3rd to 8th semesters as and when these courses are offered by departments.

- A candidate will also be permitted to register such course offered by other departments.
- The Department / Course in-charge / Faculty / Expert concerned shall conduct one assessment at the end of the course
- The Head of the Department shall form a committee to monitor the progress of the course.
- Candidates can take a maximum of two one-credit courses / one two- credit course during an academic year if offered.
- Credits earned under this category will be over and above the total credit requirement as prescribed in the Employability Enhancement Courses category excluding the actual credits required for project works.

2. Faculty members' Domain of interest and Students options are obtained.

- Faculty members' domain interests are obtained and various courses are suggested. Options from III year students are obtained based on their suggestion.
- According to the meeting Conducted, 7 courses were identified such as
 - Figma
 - React JS
 - Mango DB
 - Angular JS
 - Digital Marketing Essentials
 - Power BI
 - Flask
- The information about the courses was given to the students to know their option of interest and a form was generated to receive their responses.
- According to the responses received from the students 5 courses were primarily identified such as
 - Figma
 - React JS
 - Angular JS
 - Power BI
 - Flask
- The faculty coordinators are nominated for each course in accordance to their interest shown. The list is shown as follows:
 - Figma Co-ordinators (Mr.B.Muthukrishnavinayagam, Mrs.X.Ignatius Selvarani, Mrs.V.Sangeetha)
 - React JS Co-ordinators (Mrs.B.Shanthipriya, Mr.D.Asir, Mr.J.John Livingston)
 - Angular JS Co-ordinators (Mrs.K.Leelarani, Dr.G.Mahalakshmi, Mrs.S.Priya)
 - Power BI Co-ordinators (Mrs.S.Athilakshmi, Mrs.S.Hemaswathi)
 - Flask Co-ordinators (Mrs.K.Indhumathi, Mrs.R.Indhuja)

3. Value Added Courses and Industries are identified.
The following industries are identified to conduct the courses

S.No	Courses to be offered	Name of the company	Resource Persons
1	Figma	Kevell Global Solutions LLP.	Ms.Madhuri(UI/UX Developer), Mr.Riyaz Ibrahim(Human Resource), Ms.J.Jenitha(Head of Kevell Corp), Ms.S.Pandeeswari (Students Relationship & Course Coordinator)
2	React JS	Kevell Global Solutions LLP.	Ms.A.L.Pooja Mai (Front End Developer), Mr.R.Monish (Front End Developer), Mr.Sam Joseph (Human Resource)
3	Angular JS	VEI technologies Pvt Ltd.	Mr.Eliyilavan (Director), Ms.Pavithra.R(Trainer), Ms.Jaisankari (Trainer)
4	Power BI	Brainswig EduTech Pvt. Ltd. Chennai.	Dr.R.Dinesh Babu (Managing Director)
5	Flask	Phoenix Softech, Madurai.	Mr.A.M.Sasi Kumar (Software Trainer and Developer)

S.No	Name of the course	Venue	Number of Students Attending	Class	Date
1	Figma	Programming Lab	40	III CSE & ADS	31-07-23 to 05-08-23
2	React JS	Network and Security Lab	40		
3	Angular JS	Cloud Lab	36		
4	Power BI	Modern Application Development lab	36		
5	Flask	Visual Programming Lab	35		


Value Added Course Coordinators


HoD-CSE

KAMARAJ

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Department of Computer Science and Engineering

VALUE ADDED COURSES 2023-2024 (31.07.2023 to 05.08.2023)

The following venues are fixed for the conduct of Value Added Courses

S.No	Name of the course	Venue	Class
1	Figma	Programming Lab	III CSE & ADS
2	React JS	Network and Security Lab	III CSE & ADS
3	Angular JS	Cloud Lab	III CSE & ADS
4	Power BI	Modern Application Development lab	III CSE & ADS
5	<u>Flask</u>	Visual Programming Lab	III CSE & ADS


Value Added Course- Coordinators


HoD-CSE

THE UNIVERSITY OF CHICAGO

PH.D. THESIS

BY

DR. [Name]

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
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171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200