



## Directorate of Outcome

### Outcome Report(Event/Activity Organized @ AUH)

#### 1. General Information

**Date:** 07 March-11 March 2022

**Event Type:** FDP (Faculty Development Program)

**Event Title:** Data Visualization using Power BI

**Venue:** Amity Business School

**Web/Video Link of the Event:** <https://amityuni.live/88071586839>

**Organized by(School):** Centre for Financial Analytics, Amity Business School

**Student Participation\*:** No. of Students from AUH (Course wise):-

**Faculty Participation\*:** No. of Faculty Members from AUH (Deptt. wise):- 26

**Participation from outside AUH\*:** No. of Students & Faculty Members- 13

*(Enclose attendance sheets in given format)*

**Event Coordinator with designation:** Dr. Vikas Madhukar, Deputy Pro-VC, Director-FMS, Dr. Vani Aggarwal, Assistant Professor, Amity Business School and Dr. Ranjana Kothari, Associate Professor, Amity Business School

**Details of Expert/Speaker/Resource Person/Judge:**

SN	Country Name	Expert Name	Organization Name	Designation	Specialization	Contact No.	E-mail Id	Recommended by	Major Areas where Amity can Collaborate with expert	CV of Expert (Yes/ No)
1	India	Dr. Vani Aggarwal	Amity University Haryana	Assistant Professor	Economics and Data Visualization	9654228633	Vaggarwal1@ggn.amity.edu			

**Criteria of Inviting Resource Person/Judge/Speaker/Judge (Write a paragraph):**

Dr. Vani Aggarwal is currently working as Assistant Professor and Program Coordinator of MBA Business Analytics, Amity Business School, Amity University Haryana. She did her B.A (Economics Hons.) from Ramjas College, University of Delhi and Master of Economics from University of Hyderabad. She has a PhD in Health Economics from Amity University Haryana. She has more than 10 years of industry and academic experience, with special focus on data visualization, health economics, econometrics, and applied research. She is proficient in tableau, power BI, STATA, and other analytical tools and statistical software. With innovative and engaging pedagogy, she has trained students to understand the current development in the field of data visualization and growth opportunities after studying analytics. She has various publications in the reputed journals and books.

**Were the guest known in advance and if yes, from what previous interaction (Write a paragraph)?**

Yes, She is an internal faculty of Amity Business School, Amity University Haryana.

#### 2. Outcome of the Event with Time Lines (Proposed/Achieved)

Envisaged Outcome	Tangible/Intangible	Achieved/Proposed	Target date & responsibilities (if proposed)	Details of outcome
<b>1. Outcome related to Academia Connect</b>				
a) Collaborations for Research Papers / Conference Papers/ Book Chapter etc.				
b) Collaborations & MOU for Research Guidance [PhD, PG & UG (summer training, Dissertation)] & Projects/Use of Instruments etc.				

c) Collaboration for Funded Projects				
<b>2. Outcome related to Industry Connect</b>				
a) Placement				
b) Collaborations for Research Papers				
c) Collaborations & MOU for Research Guidance [PhD, PG & UG (summer training, Dissertation)] & Projects/Use of Instruments				
d) Collaboration for Funded Projects				
<b>3. Outcome related to Society Outreach</b>				
a) Benefit to society in terms of Health & Hygiene				
b) Benefit to society in terms of Education				
<b>4. Outcome related to Students Learning &amp; Grooming</b>				
<b>5. Any other</b>				

### 3. Event Report along with glimpses of the event *(Photographs)*

**3.1 General Introduction of the Event:** The main purpose of this FDP was to introduce Power BI. It is a powerful business analytics tool to explore, analyze, and visualize data and to share meaningful insights. It is a tool to monitor your business and get quick business decisions with interactive dashboards. This hands-on programme demonstrated how to install power BI, connect to data files, data preparation, data analysis and data visualizations using Power BI. This FDP focused on creating high-impact visualizations of common data analyses to understand data and to create various charts, maps, scatterplots, and interactive dashboards for business projects.

#### 3.1 Inspiration & Objectives of the Event:

Business Analytics (BA) has become a buzzword in the corporate world as business analysts are equipped with required knowledge and skills to take the business to a new high. Everybody talks about “data” and there is an immense flow of information in this era of digitalization but we need processing of data and visualization of data to reach concrete results of business models. Raw form of data or any information is not valuable as it does not support any decision of the company. Hence, data visualization tools such as tableau and power BI is focused on the data organization, data analysis and data visualization to help companies/researcher/faculties to get more insights about different data sets to improve, grow and overcome challenges. Therefore, we planned to conduct these workshops on data visualization tools to make it easy for people to understand data and provide good insights out of their data.

#### Objectives

The main purpose of this FDP was to introduce Power BI. It is a powerful business analytics tool to explore, analyze, and visualize data and to share meaningful insights. It is a tool to monitor your business and get quick business decisions with interactive dashboards. This hands-on programme demonstrated how to install power BI, connect to data files, data preparation, data analysis and data visualizations using Power BI. This FDP focused on creating high-impact visualizations of common data analyses to understand data and to create various charts, maps, scatterplots, and interactive dashboards for business projects.

### **3.2 Brief about the address/talk of speakers:**

- Data Visualization and its significance
- Installation and Introduction of Power BI
- Basic Visuals such as line chart, scatter plot, bar chart, stacked bar chart
- Advanced visuals such as area chart, maps, waterfall chart, bowtie chart, box and whisker plot, stepped line chart
- Data preparation and data formatting
- Creation of Dashboard
- Hands-on experience and practice of power BI functions on various business datasets

### **3.3 'Take Homes' for the Guest and Attendees :**

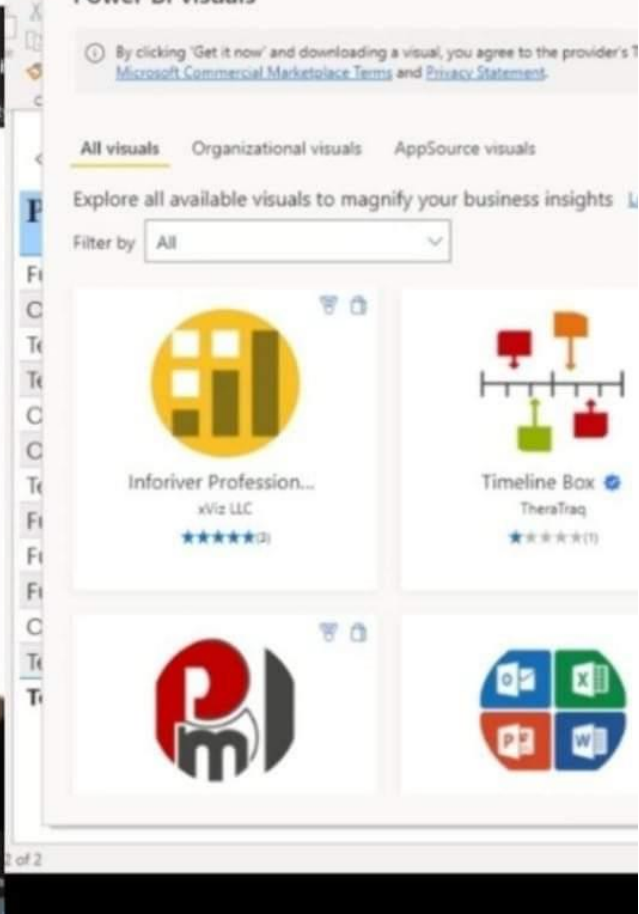
Main take away by the participants were, they are now able

- To create high-impact visualizations of common data analyses in power BI.
- To navigate the software, connect it to a data file, and export a worksheet at ease in Power BI.
- To create various charts, maps, scatterplots, waterfall chart, ribbon chart, bowtie chart, stepped line chart, box plot and interactive dashboards for business projects using power BI.
- To prepare data in order to work with and present information from multiple sources using this data visualization tool.

**3.4 Future plan for utilizing the contacts developed with the Invited Guests:** To conduct EDPs and FDPs on data visualization and data analysis.

**3.5 Budget of the Event: Revenue generated: Rs. 22214**

**Photographs with caption** (*also share high resolution JPEG files of photographs*)



Saloni Bishnoi Dr Bhuvana Kol... Tanima Sharma Jyoti Jain Divya Rathee

Saloni Bishnoi Dr Vani Aggarwal Dr Bhuvana Kolar Byl... Tanima Sharma Jyoti Jain Divya Rathee

Recording LIVE on YouTube - Untitled - Power BI Desktop

Webinar is now streaming live on YouTube

### SALES PERFORMANCE DASHBOARD

Year: 2012 | Quarter: All | Sub-Category: All | Ship Mode: All

2011 2012 2013 2014

Monthly Sales Trend

Sales by Year and Region

Top 10 Customers by sales

Top 10 Customers by Profit

Top 10 Products by Profit

Filters: Search, Add data fields here

Visualizations: Build visual, Add data fields here

Fields: Search, Country, Customer Name, Discount, Order Date, Order Date Hierarchy, Year, Quarter, Month, Day, Order ID, Product Name, Profit, Quantity, Region, Sales, Segment, Ship Date, Ship Mode

Unmute Start Video Participants (17) Q&A Chat Share Screen Raise Hand Apps Leave

Zoom Webinar You are viewing Dr Vani Aggarwal's screen View Options

Dr Vani Aggarwal

Recording LIVE on YouTube - Untitled - Power BI Desktop

Sales by State in Provinces

Manage and connect to related sources

Filters: Search, Add data fields here

Visualizations: Build visual, Add data fields here

Fields: Search, Customer Name, Customer Segment, Discount, Order ID, Order Priority, Postal Code, Product Base, Product Category, Product Cont, Product Name, Product Sub-C, Profit, Quantity order, Region, Row ID, Sales

Unmute Chat Raise Hand Q&A Leave

### 3.6 Scanned copy of attendance sheets

SN o	Name	Mobile	Email	Organization	Designation
1	Mr RUPOM CHAKRABORTY	98664014 00	Rupom.c@gmail.com	Dell Technologies	Data scientist
2	Ms VISHALA RAGHAV	97111311 49	Vishalasingh2604@gmail.co m	Amity university	PhD scholar
3	Ms K.BIAKENGMA WII	70859323 35	mami.khawlhring.5@gmail.c om	Amity University, Gurgaon	Student
4	Ms PRIYA SHARMA	73409210 27	Psharma0242@gmail.com	Amity business school	Mba
5	Ms SHEETAL SHARMA	78077067 17	sheetal28999@gmail.com	Abs	Student
6	Ms MADHU RUHIL	79829436 00	madhuruhil1991@gmail.co m	Amity University, Manesar	Scholar
7	Ms SUREKHA	97189512 12	surekha2761@gmail.com	Directorate of school education haryana	Ph.D Scholar (Lecturer Commerce)



8	Mr Alok	99102939 06	akumar11@ggn.amity.edu	Amity University Haryana	Research Scholar
9	Ms DIVYA RATHEE	99585851 04	divya11rathee@gmail.com	ASE	Student
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11	Ms KULWINDER KAUR	88828875 88	kulwinder.kaur055@gmail.com	NA	NA
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13	Mr GAYOS SUNNY GEORGE	81291454 98	gaiussunnygeorge@gmail.com	Sandoz	Marketing
14	Ms Mamta Tushir	98960872 40	tushirmamta8@gmail.com	Amity University, Haryana	Visiting Faculty
15	Ms UPASANA GUTT	95600647 81	upasanagutt@gmail.com	Dyal Singh College , Karnal	Assistant Professor

16	Arti Sethi	98107556 33	achopra@aisg.amity.edu	Amity University Haryana	Research Scholar
17	Ms ANUPMA YADAV	95822968 19	yadav.anupma@gmail.com	TRPW	Student
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19	Mr VIVEK JAIN	98736406 40	vivjain74@yahoo.com	Abante Interested Management Services Pvt Ltd	Research scholar
20	Dr A Jose	94958845 27	amjose@ggn.amity.edu	Amity University Haryana	Professor
21	Ms ANSU TRESSA CHERIAN	97462087 27	ansujc@gmail.com	Fragomen	Immigration Business Analyst
22	Amol Jadhav	97656527 20	amoljadhav2015@gmail.com	SLRTCE Mira Road	Assistant Professor



23	CHIRANJIT SINGHA	9732948539	singha.chiranjit@gmail.com	VISVA BHARATI ,SANTINIKETAN,	Research Scholar
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25	Sandhya Santosh Jawale	9222130313	tmvsandhya0@gmail.com	Tilak Maharashtra Vidyapeeth	Assistant professor
26	Dr.Hetal Nitin Bhide	7709285089	hetalb19@gmail.com	DY Patil Institute of Management and Research	Assistant Professor
27	Dr.Teashri Talla	7620356344	teashritalla@gmail.com	DYPIMR	Asst. Prof.
28	Mr ADITYA JAIN	8076276119	aditya.jain5@amity.edu	Amity School of Engineering & Technology	Student
29	Ms MUSKAN SEHGAL	8700360910	muskansehgal213@gmail.com	Biba Apparels private Ltd.	Customer Service Executive

30	Somnath Maruti Hadalgekar	9922556741	somnath.hadalgekar@gmail.com	Dr D Y Patil Institute of Management Studeis	Assistant Professor
31	Dileep	8553276869	dileep.rvim@rvei.edu.in	R V Institute of Management	Assistant Professor
32	Dr Shweta Saxena	9893023330	ssaxena8@gwa.amity.edu	AMITY UNIVERSITY GWL	Assistant Professor, AMITY BUSINESS SCHOOL, AMITY UNIVERSITY MADHYA PRADESH
33	Dr. Rinki Mishra	9874304478	rinki.mishra0924@gmail.com	GIET UNIVERSITY	Assistant Professor, GIET UNIVERSITY
34	Dr Arif Hasan	9412771686	ahasan@gwa.amity.edu	Amity University Gwalior	Assistant Professor
35	N ANAND	9884472503	anandlight.win@gmail.com	College of Engineering Trivandrum	Research Scholar , Mechanical Engineering

36	ANANT MALIK	7500276901	anantmalik8@gmail.com	Gurukul Kangri (Deemed to be University)	RESEARCH SCHOLAR
37	Dr Bhuvana Kolar Bylappa	9946150285	bhuvana.bvn@gmail.com	St John's Medical College	Assistant professor, Department of Pharmacology, St John's Medical College and Hospital, Bangalore, Karnataka
38	Ms MEGHA SHARMA	6290381455	sharmamegha8997@gmail.com	Tata Consultancy Service	Human Resource Manager
39	Ms TANIMA SHARMA	9871106447	tanimasharma999@gmail.com	NA	Management

### 3.9 Few Scanned feedback forms of participants

HOI

**Stamp of the Department**