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Report on PDP- Data Visualization and Spreadsheet Modelling

Dates:	12 th – 16 th Sept 2022
Time:	2 – 5 PM
Venue:	Online - Zoom
Section:	NA
Batch:	NA
Semester:	NA
Guest/Speaker Name:	Dr. Praveen Gujjar & Prof. Naveen Kumar V
Guest/Speaker Designation	Dr. Praveen Gujjar – Associate Professor & Area Head & Prof. Naveen Kumar V – Assistant Professor
Guest/Speaker Contact No & Email Id:	9986116488; dr.praveengujjar@cms.ac.in 9886807734; naveenkumar_v@cms.ac.in
Guest/Speaker Company/ Institute Name:	CMS Business School, Faculty of Management Studies, JAIN (Deemed-to-be University)
Faculty Coordinators Name/s:	Dr. Madhavi R & Dr. V Y John Valluri
Topic:	Data Visualisation and Spreadsheet Modelling
Moderator (if any)	NA
No. of Attendees	58
Feedback:	Yes
Brochure: (if any)	-Enclosed below-

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Faculty of Management Studies, JAIN (Deemed-to-be University)

in collaboration with

Institute of Analytics (IOA), London, UK

presents

Five Day Virtual Professional Development Program (PDP) on

Data Visualisation and Spreadsheet Modeling



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Ranked among the top universities in India and considered a cerebral destination for students across the world and Bangalore in particular, for its illustrious history of developing talent, JAIN (Deemed-to-be University) is a hub for learning in every sense of the word.

The University offers a conducive environment for learning, be it academically or extracurricular activities. Known for its emphasis on education, entrepreneurship, research and sports, JAIN (Deemed-to-be University) has some of the best minds in the educational and research fields, and centres that inspire entrepreneurship and ground breaking work to simplify and manage life better. What makes JAIN (Deemed-to-be University) different is its outlook towards life, its values and beliefs. Its ever-evolving and open-minded system and quest for continued success and resilience, has made it one of the top universities in India.

JAIN (Deemed-to-be University) is a multidisciplinary University with 6 Faculties, 10 Schools, 25 Departments, 4 Allied Departments, 6 Research Centres, Chennai Roychand Centre for Entrepreneurship (CRCE), Technology Business Incubator, and 13 Student Support Cells.

The university has been accredited with A++ with a cumulative grade point of 3.71 in the year 2021 by National Assessment and Accreditation Council (NAAC) and is ranked 76th nationally in the National Institutional Ranking Framework (NIRF), Government of India, in 2022. The university has been constantly ranked among the top 50 in the India Today ranking and on the QS World University Rankings.



CMS Business School, JAIN (Deemed-to-be University), established in 2009, is among the top 100 Business Schools in the country, in the latest ranking according to the National Institutional Ranking Framework (NIRF), Govt of India. The Business School was recently accredited by the National Board of Accreditation (NBA) for a period of 3 years.

The Business School has been ranked 10th in Outlook-ICARE's Annual Rankings - India's top private MBA institutions for 2022 in South Zone and also been awarded A* Grade, in Karnataka, by CRISIL.

CMS Business School, an integral part of JAIN (Deemed-to-be University) is one of India's leading business schools with an international perspective. It is a place where ideas are born, theories are debated and businesses are incubated. Much more than a source of knowledge, it is a catalyst that makes a difference to the career and the personal progress of its students.

CMS Business School offers a rigorous 2-year (four semesters) MBA program featuring the unique TAP-R Model that inculcates strong entrepreneurial and intrapreneurial orientation. The highly accomplished faculty of the institution as well as the rigorous, contemporary curriculum ensures that the students are mentored to achieve success and demonstrate relevant industry skills.

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International Skill Development Corporation (ISDC)

ISDC is a leading Education and Skill Development company with a vision of bridging the global skill gap. The operation includes the various Skill Development Projects, Professional and Vocational Education Activities, International Schools and Colleges, Professional and Corporate Training, Consulting and finally on Research & Development. It is one of the fastest growing education company; having global presence; 44,000 students and over a million of learners on board in over 120 Countries. Being the fastest growing Education Company; ISDC works with many Governments, Leading Universities and Institutions around the world for various Education & Skill Development models, innovative and industry relevant Undergraduate /Postgraduate programs in various disciplines such as Accounting & Finance, IT, Applied Science, Media and Entertainment, Logistics & Supply Chain, Marketing, Analytics, Healthcare ...etc. ISDC is working with an excess of 25 Professional Bodies in UK for their market expansion and growth globally. ISDC is TransNational Education Partner for many UK Universities UK for expanding their global reach. ISDC is the Collaborative Partner of UK Skills Federation which represents the Federation for Industry Sector Skills & Standards, the UK Sector Skills Councils and National Skills Academies.



Institute of Analytics (IOA), London, UK

The Institute of Analytics (IOA) is the professional body for Analytics and Data Science professionals in UK and Internationally. IOA is a not-for-profit organisation that exists to promote greater awareness, understanding and innovation in Analytics. IOA is fully supported in their mission by leading organisations in the sector. The Institute provides members with the opportunity to network with other professionals in the industry, to learn about career development opportunities, to share knowledge and expertise, to access continuous professional development programmes and to carry the official designation of membership.

About the PDP:

We are in a world where data has become the most valuable asset. The primary goal of Data Visualization is to communicate information clearly and efficiently via statistical graphics, plots, and information graphics. Numerical data may be encoded using dots, lines, or bars to visually communicate a quantitative message. Effective visualization makes complex data more accessible, understandable, and usable.

Spreadsheet Modelling involves leveraging MS Excel extensively. It reduces cost & time and improves efficiency & effectiveness in managing tasks in day-to-day life and work. This PDP is intended to help managers, researchers, and analytics professionals in sharpening their spreadsheet skills and data visualization skills (for Analytics) through MS Excel and Tableau respectively.

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Potential Beneficiaries

The program caters to beginner and intermediate-level needs of business decision-makers, aspiring data scientists, business analysts, analytics aspirants, research scholars, faculty members, and data enthusiasts. We will be happy to provide suggestions for pre-study for those interested in working on the same. Please note that a programming background is not necessary for this course.

Unique Features and Pedagogy of the Program

The program offers hands-on exercises to prepare the participants to use the software, apart from providing self-learning-study material that can be readily referred to beyond the program. All concepts will be explained hands-on with Data Sets, Tableau/Excel, and elaborated interpretations. Exercises are also included for practicing the discussed concepts and applications. The sessions will be held from 2 PM - 5 PM.

Topics Covered:

- Visual Analytics
- Advanced Charts and Insights
- Calculation, Maps and Dashboards
- Basics of Spreadsheet modelling
- Data Models

Fee (per participant)

₹2000/- inclusive of taxes

Payment Procedure

Registration Fee must be paid by Demand Draft/ Digital Payments through any UPI Apps.

Online Transfer / Bank Transfer

Bank Name : Kaur Vysya Bank
Branch : Jayanagar, Bengaluru
Account Name : Jain University
Account Number : 1315155000038088
IFSC Code : KVBL0001315

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Resource Persons' Profiles:



Dr. Praveen Gujjar

Dr. Praveen Gujjar is an academican with BE in Information Science, MBA in Technology Management, M.Tech in Computer Science and Engineering, and, Ph.D. in Business administration. He has 13+ years of teaching experience. His area of research interest is natural language processing and Data Analytics. He is serving as Associate Professor and Area Head for Business Analytics specialization in CMS Business School, Jain (Deemed-to-be University).



Prof. Naveen Kumar V

Prof. Naveen has 18 years of overall experience; 9 years in industry in Finance & Analytics and the last 9 years in teaching Business Analytics subjects. He worked for HCL, Reuters and Deutsche Bank. He pursued PGP - Business Analytics & Business Intelligence from Great Lakes Institute of Management and Illinois Institute of Technology. He has been teaching Business Analytics subjects at JAIN (Deemed-to-be University) from last six years. He teaches Analytics using R and Python, Financial Analytics, Security Analytics, Data Visualization with Tableau and Power BI, Econometrics & Financial Modelling, and Spreadsheet modelling from the year 2016.



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Patrons

Dr. Chenraj Roychand

Chancellor, JAIN (Deemed-to-be University)

Col (Hony.) Dr. N. Sundararajan

Pro Chancellor, JAIN (Deemed-to-be University)

Professor (Dr.) Raj Singh

Vice-Chancellor, JAIN (Deemed-to-be University)

Dr. Easwaran Iyer

Pro Vice-Chancellor, JAIN (Deemed-to-be University)

Advisory Board

Dr. Dinesh Nilkant

Director, CMS Business School, JAIN (Deemed-to-be University)

Dr. Harold Andrew Patrick

Professor & Dean - Academics, CMS Business School, JAIN (Deemed-to-be University)

Dr. Vinod Kumar Murti

National Head - IT & Analytics Education, ISDC

Professional Development Program Cell

Dr. Madhavi R

Associate Professor
CMS Business School,
JAIN (Deemed-to-be University)
+91 9986593254
r.madhavi@jainuniversity.ac.in

Dr. V Y John

Assistant Professor
CMS Business School,
JAIN (Deemed-to-be University)
+91 8106036188
dr.vy_john@cms.ac.in

*e-certificates will be provided to all the registered participants

<https://forms.gle/WJWFiwYApKGnGSPd8>

For Registration scan QR Code or click on the above link:

Joining link shall be provided after registration



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Budget of the Program (if any):	No
Revenue Collected: (if any)	Rs. 65,000

1. Introduction:

About the PDP:

We are in a world where data has become the most valuable asset. The primary goal of Data Visualization is to communicate information clearly and efficiently via statistical graphics, plots, and information graphics. Numerical data may be encoded using dots, lines, or bars to visually communicate a quantitative message. Effective visualization makes complex data more accessible, understandable, and usable.

Spreadsheet Modelling involves leveraging MS Excel extensively. It reduces cost & time and improves efficiency & effectiveness in managing tasks in day-to-day life and work. This PDP is intended to help managers, researchers, and analytics professionals in sharpening their spreadsheet skills and data visualization skills (for Analytics) through MS Excel and Tableau respectively.

2. Venue (Outside/Inside the campus): Online - Zoom

3. Program Objectives:

- To facilitate the learners to harness the use of spreadsheet packages for effective data synthesis and visualization.
- To demonstrate the use of Tableau and Excel to fulfil the needs of learning, research, and teaching.
- To provide hands-on experience to the learners in developing effective Data Visualization and Spreadsheet Modelling

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4. Relevance to POs, Relevance to PEOs and PSOs

POs	Program Objectives (POs)
PO1	PO1 - Apply knowledge of management theories and practices to solve business problems
PO2	PO2 - Develop analytical and critical thinking abilities for data-based decision making
PO3	PO3 - Understand, analyse and communicate global, economic, legal and ethical aspects of business
PO4	PO4 – Identify and apply trans-disciplinary tools and techniques for projects and solving problems
PO5	PO5- Lead oneself and others in the achievement of organizational goals and contribute effectively to a team environment
PO6	PO6 - Inculcate entrepreneurial mind-set for sustainability
PO7	PO7 - Imbibe value-based leadership for Excellence
PSOs	Program Specific Objectives (PSOs)
PSO1	Demonstrate effective response to industry challenges by applying managerial tools and techniques for a sustainable society
PSO2	Appraise the complex specificities of Indian Business to garner global reputation
PSO3	Develop a holistic thinking solopreneur for a self-sufficient society

5. Activity Overview:

This Professional Development Program was well received by faculty members and the students from the higher education space. About 58 participants logged into Zoom to be a part this learning effort. The resource persons encouraged the participants to actively involve and provided such opportunities through hands on materials and activities to learn select concepts in Data Visualisation and Spreadsheet Modelling.

The zoom sessions were conducted for three hours per day and participants had to practice the commands and come back for more learning in the subsequent sessions.

The Zoom recordings for all days:

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Day 1 - Monday: 12th Sept (DV)

<https://zoom.us/rec/share/uglFM0zlCUVN9NmljjEKap0ltctGgXshqLD16luMfJd2fMCCI-efjrrEGH8SnC3c.X2nAMmPp.Id8ZFB>

Passcode: 41W?QZhC

Day 2 - Tuesday: 13th Sept (DV)

https://zoom.us/rec/share/gfSB-CPLx95Fbip_da SfEEZICfhq_q3id9A48F80UJxVEgJ-zsLHsajoyzJPD88.Y7B7Dv_KW4SGPcml

Passcode: dCr44LS!

Day 3 - Wednesday: 14th Sept (DV)

https://zoom.us/rec/share/WaBLmBdTxFP_2PDI0_qhkHKJKu1C1-Pu21tmTPaeDjUWytqRPWytX1koVRxrShdQa.uS5K3OJ5_Mq0Qc14

Passcode:Na^3Ad&w

Day 4 - Thursday: 15th Sept (SM)

<https://zoom.us/rec/share/uxRLpg55HzwPu53gqKh8mgRJM1hWqnvTYeju7hiTXxyGeIwq1GyGhE-FqD1Y8-8pn.pWjMMoRQRhczVDgw>

Passcode:iq9^TU+p

Day 5 - Tuesday: 16th Sept (SM)

https://zoom.us/rec/share/NCpYVkzD0cS6yfKeYDGeJesnmbzCKN4jQYf-4Rgo8TQdqIf9tWYn5ybHfKalnC9q.2z9fq8_OOcuBEuRk

Passcode:ZV1an%7R

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6. Guest/Speakers' Profile:

Resource Persons' Profiles:



Dr. Praveen Gujjar

Dr. Praveen Gujjar is an academician with BE in Information Science, MBA in Technology Management, M.Tech in Computer Science and Engineering, and, Ph.D. in Business administration. He has 13+ years of teaching experience. His area of research interest is natural language processing and Data Analytics. He is serving as Associate Professor and Area Head for Business Analytics specialization in CMS Business School, Jain (Deemed-to-be University).



Prof. Naveen Kumar V

Prof. Naveen has 18 years of overall experience; 9 years in industry in Finance & Analytics and the last 9 years in teaching Business Analytics subjects. He worked for HCL, Reuters and Deutsche Bank. He pursued PGP - Business Analytics & Business Intelligence from Great Lakes Institute of Management and Illinois Institute of Technology. He has been teaching Business Analytics subjects at JAIN (Deemed-to-be University) from last six years. He teaches Analytics using R and Python, Financial Analytics, Security Analytics, Data Visualization with Tableau and Power BI, Econometrics & Financial Modelling, and Spreadsheet modelling from the year 2016.

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7. Summary and Key Learnings of the session:

- Concepts of colour, their usage, minor differences, their impact on perception etc. were introduced from the perspective of data visualisation
- Installing Tableau, basic interface, its orientation, etc. were handled. Queries were addressed.
- The focus was on calculations, maps and dashboards.
- Using MS Excel, for some identified concepts including basic commands and data models were explained with the help of worksheets.
- Practice exercises were share with the participants and output was compared as a hands on learning methodology

8. Participant details:

Sl. No.	Name	Salutation	Mobile number	Qualification	Institution
1	ABHINAV KUMAR	Mr.	7665513849	Pursuing MBA	CMS BUSINESS SCHOOL
2	S B Yashas	Mr.	9632625934	MBA Student	CMS Business School
3	Deepthi V	Ms.	9481305196	Student	CMS Business School
4	Suchanda Roy	Ms.	8017143308	Pursuing MBA in 2nd year	CMS, Jain University
5	Lalisetti sri sai venkat mahendra	Mr.	9705011513	MBA	CMS BUSINESS SCHOOL (JAIN UNIVERSITY)
6	V B Santhosh	Mr.	8524083099	Pursuing MBA	CMS Business School
7	J SHANE ROBERT	Mr.	9980565916	MBA IN BUSINESS ANALYTICS	CMS B SCHOOL JAIN UNIVERSITY BANGALORE
8	Alen Tony Alappatt	Mr.	7022110732	MBA	CMS Business School
9	Selvi S	Dr.	9880028158	PhD	Jain University
10	Anirudhan.K.K.A	Mr.	9448067201	Business analytics MBA	CMS B SCHOOL
11	APURVA SINGH	Ms.	+919340937497	MBA (IFA)	CMS Business School

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12	Aishwarya Galdinus	Ms.	6381959110	B.Com Hons Professional Accounting	SRM Institute of Science and Technology
13	Syed Zohaib Ahmed	Mr.	9901144449	BBA	Cms b school
14	Vinoth Kumar V	Dr.	9544583577	PhD	CMS B School
15	Shruthi Selvakumar	Ms.	7619412270	MBA- Student	CMS B School
16	Anadi Trikha	Ms.	8955403712	Phd Pursuing	Rajasthan Technical University, Kota
17	Dr. Andria J N Sirur	Dr.	9742155028	BDS, MBA (Healthcare Management)	Department of Commerce, Manipal Academy of Higher Education
18	Athulya Premanand	Ms.	9742997641	MBA	CMS Business School
19	Greeshma prabhu	Ms.	9945166851	Mba	CMS Business school
20	Athulya Premanand	Ms.	9742997641	MBA	Jain University
21	VIRGIL DONALD FERNANDES	Mr.	7259743099	MBA	CMS B- School
22	Kishore L	Mr.	09686123183	MBA	Manipal Academy of Higher Education
23	Tanisha Honey Singh	Ms.	7061889925	MBA in Finance	Jain University
24	Anirban Ghosh Dastidar	Mr.	9731978950	MBA	CMS Business School
25	Kariyavula Mounish Naidu	Mr.	8428106699	MBA	CMS Business school
26	Shilpa Badrinath Bidi	Ms.	7975310681	<u>M.com</u>	Department of Commerce
27	Reena R	Ms.	9886742666	MBA	SGT College Ballari
28	ROSHAN DAVID PEREIRA	Mr.	9108992890	MIB	St Joseph's College of Commerce
29	Janane M	Ms.	9500480934	B.Sc (Chemistry) MBA PGDBM	Kalasalingam Academy of Research and Education
30	Ameer Hussain M	Mr.	9944266974	MBA	CMS Business School
31	SHYLESH R	Mr.	7708699061	MBA	CMS Business School
32	Varsha G	Ms.	8884049600	MBA- IFA	CMS B-School

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33	Ratan Kalyan Kumar	Mr.	9900442897	MBA	CMS Business school Jain Deemed to be University
34	Dharshine NA	Ms.	9629476415	MBA	CMS Business school
35	Bharath Ravi	Mr.	7619645660	B.COM , MBA PURSUING	CMS JAIN
36	Bharath Prakash	Mr.	7012716308	MBA	CMS BUSINESS SCHOOL
37	Akash.P	Mr.	8553212455	MBA - Business analytics	CMS Business School
38	Kalpaja L	Ms.	7259106349	MBA (Pursuing)	CMS Business School
39	Richelle Patrick	Ms.	9164463773	MBA (2nd sem)	Jain Bscool
40	Benaka Raj B	Mr.	8762140044	Pursuing MBA	CMS Business School
41	Sree Hari Madhu	Mr.	9497676302	MBA	CMS B SCHOOL (JAIN UNIVERSITY)
42	Vikram P	Mr.	9894876224	MBA- Business Analytics	CMS Business School, Jain University
43	Trinayan Kashyap	Mr.	8638055394	MBA	CMS Business School
44	Gopalakrishnan Chinnasamy	Dr.	9965658141	PhD	CMS BS Jain (Deemed- to-be University)
45	Preet Anand Chawhan	Ms.	8552815124	MBA - International Finance and Accounting	Jain University - CMS
46	Vasudev Tonape	Mr.	9686554512	Masters of Business Administration (MBA)	CMS Business School, Jain (Deemed-to-be University)
47	YASHWANTH R	Mr.	9448694157	MBA	CMS BUSINESS SCHOOL
48	M. Hari Hara Suthan	Mr.	8012004040	BBA	CMS Business School, Jain University
49	M ADITI SHIRIN	Ms.	9438777020	MBA	Jain University (CMS BUSINESS SCHOOL)
50	Shailesh Hemanth T N	Mr.	8050303432	MBA	CMS Business School

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						a welcome method	s in our Institution ?	
Dr Selvi S	JAIN UNIVERSITY	Agree	Agree	Agree	Agree	Agree	Yes	GOOD LEARNING
Dr Andria J N Sirur	Department of Commerce	Agree	Agree	Agree	Agree	Agree	Yes	No
Virgil Donald Fernandes	Jain University - CMS B-School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	It was thought to us perfectly and with hands on experience.
Aishwarya Galdinus	CMS B School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Really great session. Would love to attend more such PDP sessions.
Anadi Trikha	Rajasthan Technical University	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	More assignments can be given to work on post sessions to practice.
M ADITI SHIRIN	JAIN UNIVERSITY (CMS BUSINESS SCHOOL)	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Non
J SHANE ROBERT	CMS Business School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Looking forward to joining more workshops !!
Abhinav Kumar	CMS BUSINESS SCHOOL	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	it was good i revised my all concepts

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Syed Zohaib Ahmed	CMS Business School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	none
Mr. Roshan David Pereira	St. Joseph's College of commerce, Bengaluru	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Agree	Yes	well organized
Gopalakrishnan Chinnasamy	CMSBS, Jainnan (Deemed-to-be)University	Agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	It is excellent event and learned a lot. Special thanks to the Resource person and the organizers.
Kishore L	Manipal Academy of Higher Education	Agree	Agree	Agree	Strongly agree	Strongly agree	Yes	Kindly share the 200+ interview questions reference pdf
Apurva Singh	CMS Business School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	It was very insightful session and very properly planned and covered all the topics
Uzma Nayeem	Krupanidhi Group Of Institutions	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	It was excellent! Naveen Sir was extremely humble and kind to repeat "N" of times whenever asked. Special gratitude to Naveen sir

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Vasudev Tonape	CMS Business School, Jain (Deemed-to-be University)	Agree	Agree	Agree	Agree	Agree	Yes	Its been a very fruitful PDP sessions.
Benaka Raj B	CMS B-School	Agree	Agree	Agree	Strongly agree	Strongly agree	Yes	As I am a student of 2nd year CMS B-school in BA Branch. Tableau was revised once again and with a certificate.
Shilpa Badrinath Bidi	Department of Commerce, MAHE	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Very insightful session. Definitely helps to take through data visualization further.
Dr. Meeramani N	JAIN (Deemed-to-be University)	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	It was an excellent session. Thank you Dr. Naveen sir and Dr. Madhavi Maam
Anirudhan. K.K.A	CMS B School	Agree	Agree	Strongly agree	Agree	Agree	Yes	this course is very useful
S B Yashas	CMS Business School	Agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	No suggestions a very wonderful session

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V B Santhosh	CMS Business School	Agree	Strongly agree	Agree	Neutral	Agree	Yes	It was good
Bharath Prakash	CMS BUSINESS SCHOOL	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	It was good.
Mr. Roshan David Pereira	St. Joseph's College of Commerce, Bengaluru	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Agree	Yes	Well organized
Suchanda Roy	CMS Business School(Jain Deemed to be University)	Strongly agree	Strongly agree	Strongly agree	Agree	Agree	Yes	PPT 's and recordings of the classes are needed
Lalisetti sri sai venkat mahendra	CMS Business School	Agree	Agree	Agree	Agree	Strongly agree	Yes	Good
Shruthi Selvakumar	CMS B School	Agree	Agree	Strongly agree	Strongly agree	Strongly agree	Yes	Detailed and provides a huge pool of knowledge resource.
Preet Anand Chawhan	Jain University - CMS	Agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	...
DEEPAK KUMAR BEHERA	Gangadhar Meher University, Amruta Vihar, Sambalpur	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Nice Session
Vinoth Kumar V	CMS Business School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	It's very useful
Dr. J. Prabhakaran	Kalasalingam Academy of Research and Education	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Need session on R

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Greeshma prabhu	Cms Business school	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Great sessions, very knowledgeable
ANANTH. Y.N	JAIN (Deemed-To-Be University)	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Excellent workshop
YASHWANTH R	CMS BUSINESS SCHOOL	Agree	Strongly agree	Strongly agree	Neutral	Disagree	Yes	Having it at evening would have been better as I had my work parallel to the pdp
HARI RAJ PANDIN	CMS BUSINESS SCHOOL JAIN UNIVERSITY	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Expecting PDP in future too.
LINGARAJ ROY	KiiT DEEMED TO BE UNIVERSITY, BHUBANERWAR - 751024(ODISHA) INDIA	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	I received more valuable knowledge in this session
Tanisha Honey Singh	Cms Business School Jain University	Strongly agree	Strongly agree	Agree	Agree	Agree	Yes	no suggestions
Alen Tony Alappatt	CMS Business School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Nil
BHARATH RAVI	CMS JAIN	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Very Helpful and Resourceful

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SHYLESH R	CMS Business School	Agree	Strongly agree	Agree	Agree	Neutral	Yes	It is very useful to develop my tooling knowledge
Syed Zohaib Ahmed	CMS Business School	Agree	Agree	Agree	Strongly agree	Strongly agree	Yes	none
Anadi Trikha	Rajasthan Technical University	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	NA
Uzma Nayeem	Krupanidhi Group Of Institution	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Excellent
Virgil Donald Fernandes	CMS B-School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Agree	Yes	Praveen sir explained the entire course hands-on... wish more could have been covered
Vasudev Tonape	CMS Business School, JAIN (Deemed-to-be University)	Agree	Agree	Agree	Agree	Agree	Yes	It were very informative sessions.
Aishwarya Galdinus	CMS B School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Would love to attend more such sessions on data visualisation and spreadsheet modelling.
Varsha G	CMS B-School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Praveen sir thought excel really well

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J SHANE ROBERT	CMS B SCHOOL JAIN UNIVERSITY	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	LOOKING FORWARD TO JOIN MORE WORKSHOPS !!
Mr. Roshan David Pereira	St. Joseph's College of Commerce	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Agree	Yes	wonderful session
Shilpa Badrinath Bidi	Department of Commerce, MAHE	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Very insightful session. Of course need more of practice. Gujjar sir helped me to understand the said concept very easily . Looking for many more sessions
Shruthi Selvakumar	CMS B School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Praveen sir explained all the important topics with clarity. It was a great learning experience.
S B Yashas	CMS Business School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Very Interesting sessions there must be more sessions conducted by Praveen sir which enabled us to

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								get many more insights into spreadsheets.
Varsha G	CMS B-school Jain university	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Well taught
Dr.Meeramani N	JAIN (Deemed-to-be University)	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	-
Anirudhan. K.K.A	CMS B School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	it was a very useful session
Deepthi V	CMS Business School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	It was a very informed session and the speaker explained things from the scratch and with utmost patience.
Suchanda Roy	CMS Business school, Jain (Deemed to be University)	Strongly agree	Strongly agree	Agree	Strongly agree	Agree	Yes	Recordings of class and PPTs are required for practice
Deepthi V	CMS Business School	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	The speaker covered all the basic topics very well and explained in-depth as to what is needed in the current industry.

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M ADITI SHIRIN	CMS BUSINESS SCHOOL	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Non
Bharath Prakash	CMS BUSINESS SCHOOL	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Yes	Nil

Attainment Calculation

	Wt Score4	5	4	3	2	1				Wt. Score	Max score	%age
Questions to Map Pos	List of Pos & PSOs	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree				Wt. Score	Max score	%age
The FDP complemented well with my current job	PO1 PO7 PSO1PSO2PSO3	43	16	0	0	0				279	295	95%
The facilitator was knowledgable and resoureceful	PO1 PO3 PO4 PO5 PSO2PSO3	51	8	0	0	0				287	295	97%
I would recommend this FDP to my close circle	PO1 PO3 PSO2PSO3	48	11	0	0	0				284	295	96%
FDP has enhanced my confidence levels	PO1 PO3	49	9	1	0	0				284	295	96%
FDP Logistics and all arrangements were statisfies to me	PO1 PO3	46	12	0	1	0				280	295	95%

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Proposals for the Event/Programme:

To,

The Directors/ Dean for kind approval

Sub: Proposal to conduct a PDP on Data Visualisation and Spreadsheet Modelling

The purpose of this PDP is to provide a platform for academicians, researchers and working professionals to learn select concepts of Data Visualisation and select concepts of Spreadsheet Modelling. The sessions will be held online through a licensed Zoom platform for five days during 12th to 16th September 2022 from 2 – 5 PM. Practice exercises and related files will be shared with the registered participants in this regard.

The Dean has recommended this proposal.

Kind Regards,

Faculty Coordinators – PDP
Approval Authority
Signature

Dean
Approval Authority
Signature

Director
Approval Authority
Signature

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13. Minutes of Meetings:

Meeting Title	PDP DV&SM	
Date of Meeting	5 th July 2022	
Meeting Venue	201	
Meeting Agenda	<ul style="list-style-type: none"> - Find Dates - Discuss the PDP content - Request Zoom credentials - Work on brochure 	
In Attendance	Name	Title/Department/Organization
1	Madhavi R	Professor
2	Dr. V Y John	Assistant Professor
3	Dr. Praveen Gujjar	Associate Professor & Area Head
4	Prof. Naveen Kumar	Assistant Professor
Key Meeting Outcomes		
	<ul style="list-style-type: none"> • Dates were identified in Sept • Content discussed 	
Action Plans, if any (along with the First Person Responsible)		
	<ul style="list-style-type: none"> • Madhavi will work on the brochure • John will get the Zoom platform info 	

Meeting Title	PDP DV&SM	
Date of Meeting	16 th Aug 2022	
Meeting Venue	201	
Meeting Agenda	<ul style="list-style-type: none"> - Discuss on brochure marketing 	
In Attendance	Name	Title/Department/Organization
1	Madhavi R	Professor
2	Dr. V Y John	Assistant Professor
3	Dr. Praveen Gujjar	Associate Professor & Area Head
4	Prof. Naveen Kumar	Assistant Professor
Key Meeting Outcomes		
	<ul style="list-style-type: none"> • It was agreed to disseminate information through all known databases about academic fraternity and student community across the country 	
Action Plans, if any (along with the First Person Responsible)		

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	<ul style="list-style-type: none">Organizing team to promote through all social media platforms and the groups known to them and all faculty members along with students, particularly senior students.
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14. Budget: - NA

16. Trailing Emails/communications:

Welcome to the PDP | Data Visualisation & Spreadsheet Modeling External

Dr. Madhavi R <r.madhavi@jainuniversity.ac.in> Thu, Sep 8, 1:39 PM

to pujarisudharsana_reddy, dr.shalinir, dr.chayabagrecha@cms.ac.in, dr.yavanarani, abhinav_kumar21, yashas_sb21, deepthi_v21, suchanda_roy21, mahendra_mba21, santhosh_v21, shane_jr2021, alen_ta2021, d

Dear Sir/Ma'am,

Greetings!

Welcome to the 5-Day Virtual **Professional Development Program (PDP)** on "**Data Visualisation & Spreadsheet Modeling**", which will be held from 12th - 16th September 2022, organised by CMS Business School, Faculty of Management Studies, Jain (Deemed-to-be University) in association with the Institute of Analytics (IoA), London.

The PDP has received warm responses from the academic and research community across disciplines and across the country.


We believe that all of you are looking forward to this PDP and hence have already kept yourselves free of other commitments for all the above five days. Complete participation in all five sessions is important for clear learning of the concepts and receiving the PDP certificate.

Please note:

- Participants, kindly log in 10 minutes early on all days. The Zoom login credentials are:
User Id: 445 315 4088
Passcode: 123456

OR

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Thank you from the PDP team | DV&SM External 



Dr. Madhavi R <r.madhavi@jainuniversity.ac.in>

Sat, Sep 17, 11:39 AM



to abhinav_kumar21, yashas_sb21, deepthi_v21, suchanda_roy21, mahendra_mba21, santhosh_v21, shane_jr2021, alen_ta2021, dr.selvi@cms.ac.in, anirudhan_k21, SINGHAPURVA1

Dear participants,

We thank you for your active participation in the recently concluded Five Days' Virtual Professional Development Program (PDP) 'Data Visualisation and Spreadsheet Modelling' held from 12th - 16th Sept 2022 by CMS Business School, Faculty of Management Studies, JAIN (Deemed-to-be University) in collaboration with the Institute of analytics (IoA), UK.

The PDP team places its gratitude towards the 'Resource Persons' for their valuable sessions.

As spoken, PF below:

1. The Zoom recordings for all days:

Day 1 - Monday: 12th Sept (DV)

https://zoom.us/rec/share/uglFM0zICUVN9NmljjEKap0ltctGgXshqLD16luMfd2fMCCI-efjrrEGH8SnC3c_X2nAMmPp_Id8ZFB

Passcode: 41W?QZhC

Day 2 - Tuesday: 13th Sept (DV)

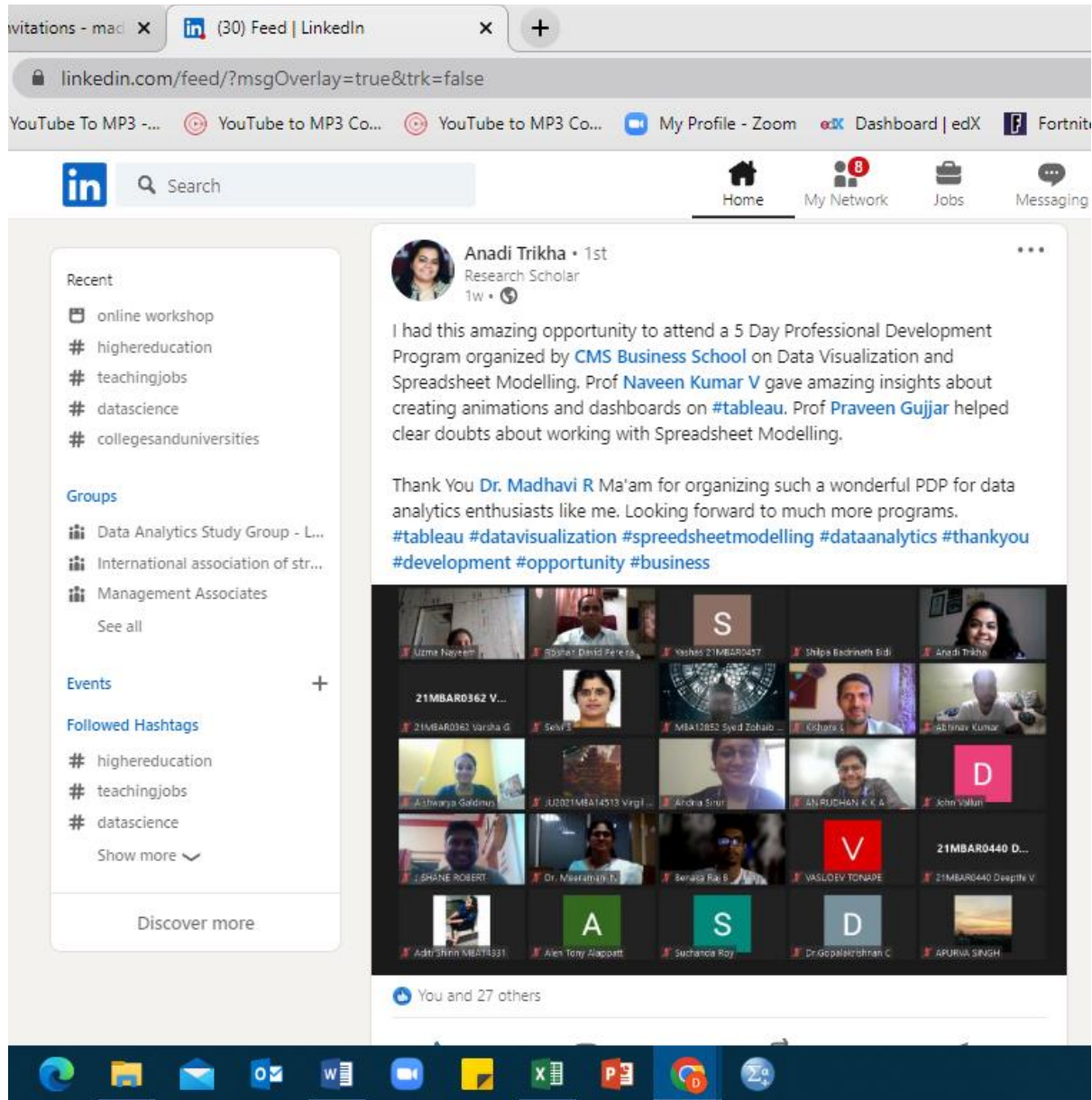
https://zoom.us/rec/share/gfSB-CPLx95Fbip_da_SfEEZICfhq_03id9A48F80UjxVEgJ-zsLHsajoyzJPD88Y7B7Dv_KW4SGPcm1

Passcode: dCr44LS!

Day 3 - Wednesday: 14th Sept (DV)

17. Any other related details: - Appreciation on Social media captured below

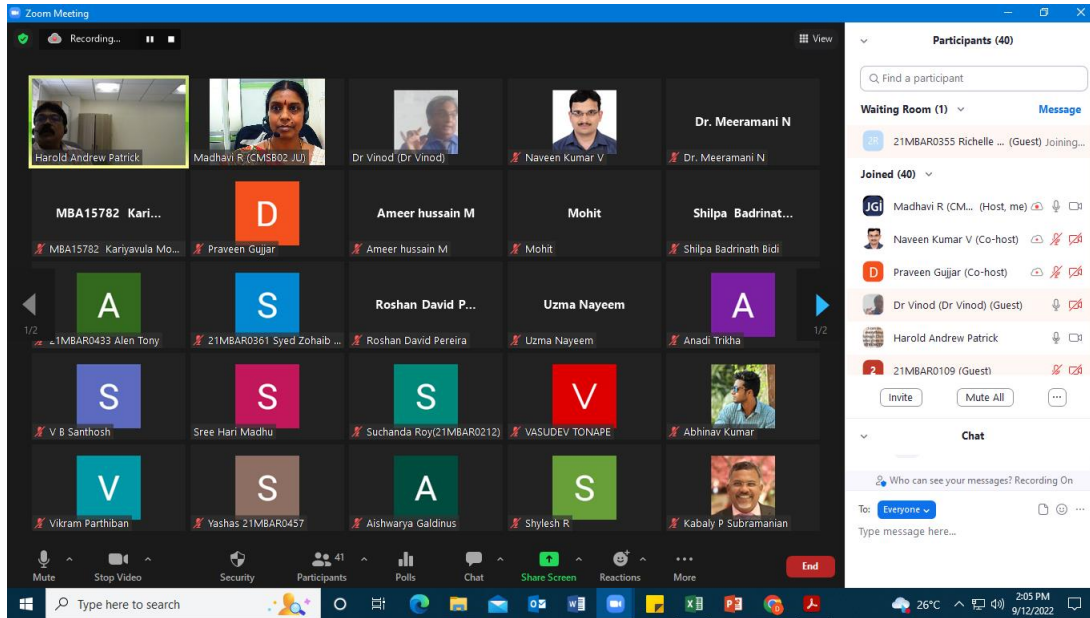
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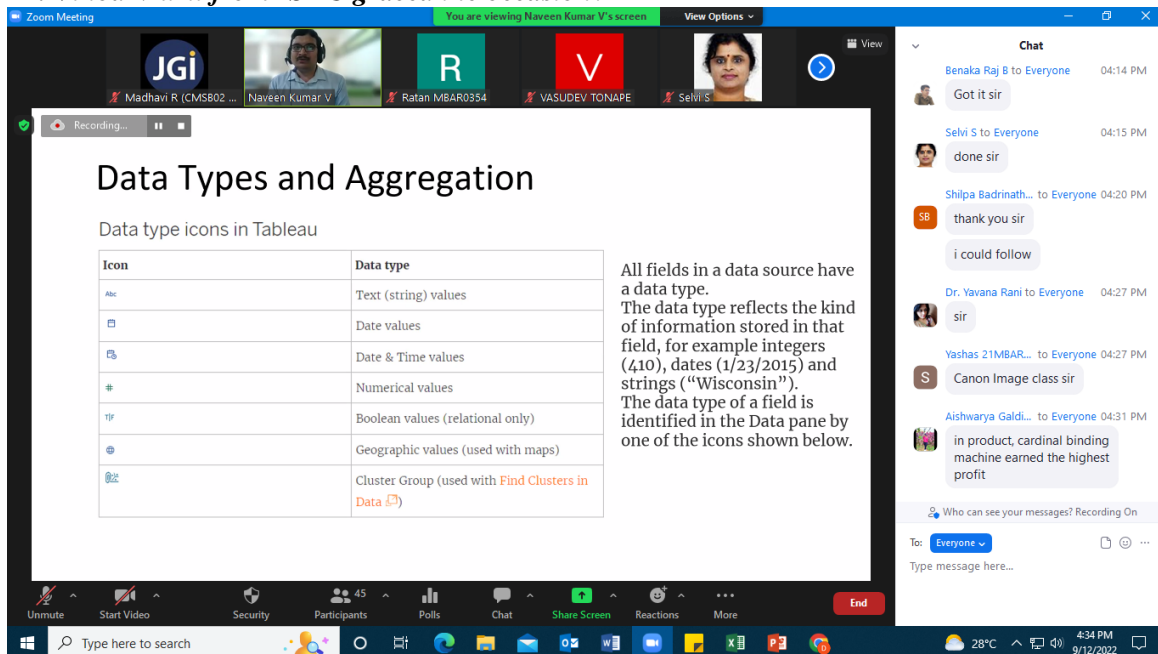
Screenshot from LinkedIn feed - a participant appreciating the PDP along with the Group photo on Zoom

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18. Pictures for the Event:



Dean, Prof. Harold A Patrick addressing the PDP participants on Day 1 of the PDP during inauguration. Dr. Vinod Murti from ISDC graced the occasion.



Prof. Naveen Kumar V, conducting sessions via Zoom on Data Visualisation during the PDP on Day 1

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Example #1 - Good

Q1-to-Date Regional Sales

	Sales (U.S. \$)	Percent of Total Sales	Current Percent of Qtr Plan	Qtr End Projected Sales (U.S. \$)	Qtr End Projected Percent of Qtr Plan
Americas	469,384	60%	85%	586,730	107%
Europe	273,854	35%	91%	353,272	118%
Asia	34,847	5%	50%	43,210	62%
	\$778,085	100%	85%	\$983,212	107%

Note: To date, 83% of the quarter has elapsed.

This table presents the same information that appears in the graph and more, but it does so clearly and simply.

One common problem in the display of quantitative information is that people often choose the wrong medium of display – a graph when a table would work better and vice versa.

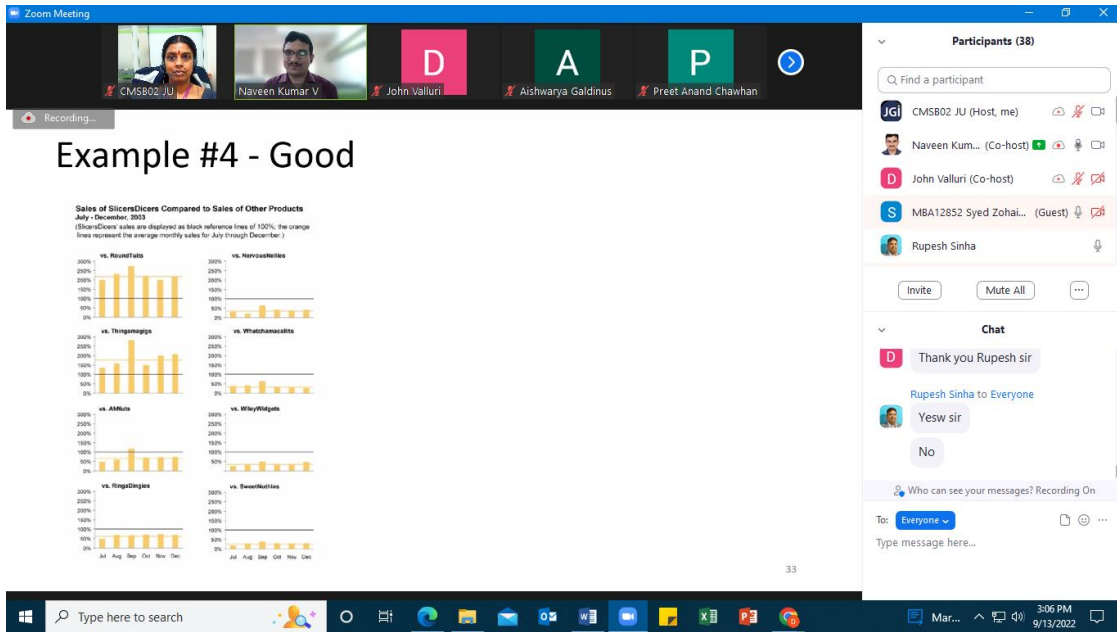
Prof. Naveen Kumar V, conducting sessions via Zoom on Data Visualisation during the PDP on Day 2

10 Elements of Good Data Visualization

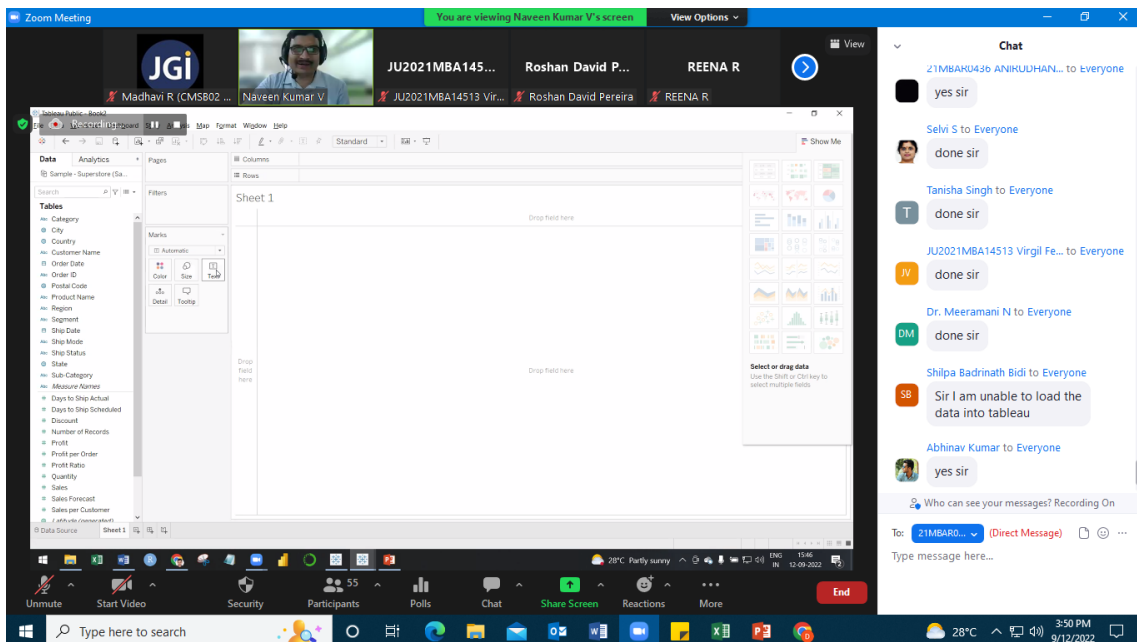
1. Clear Headings and Keys
2. Obvious Trends
3. Simple Analysis
4. Relevant Comparisons
5. Lots of Data/Evidence
6. Summaries of Key Points
7. Add design elements
8. Consolidated Information
9. Widely Understood Structure
10. Comparisons to Averages

Prof. Naveen Kumar V, conducting sessions via Zoom on Data Visualisation during the PDP on Day 2

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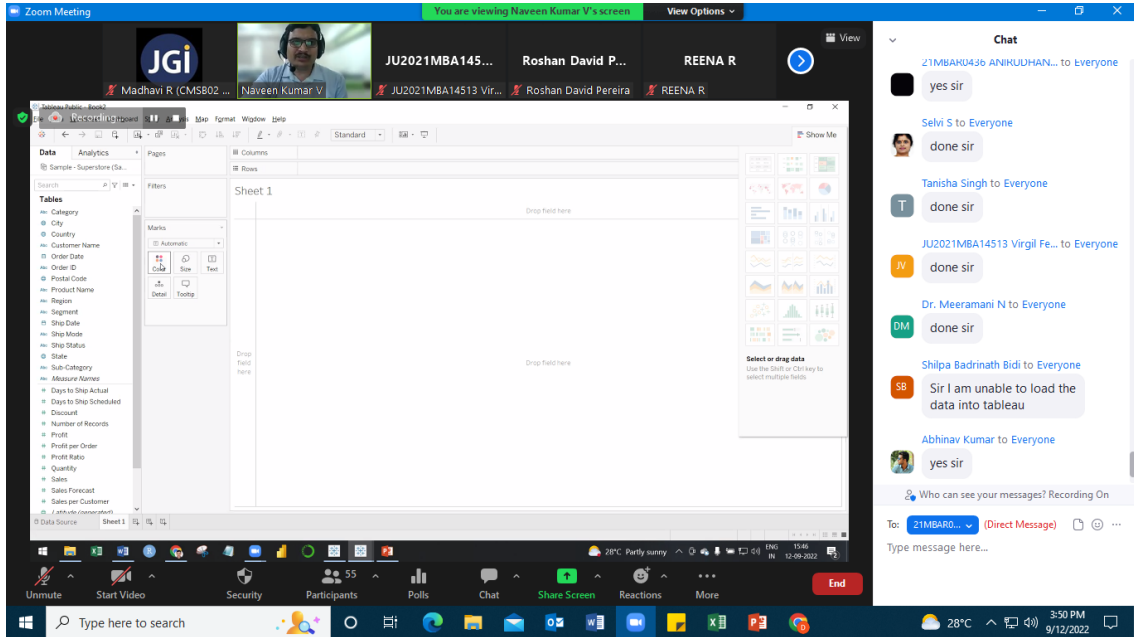


Prof. Naveen Kumar V, conducting sessions via Zoom on Data Visualisation during the PDP on Day 2

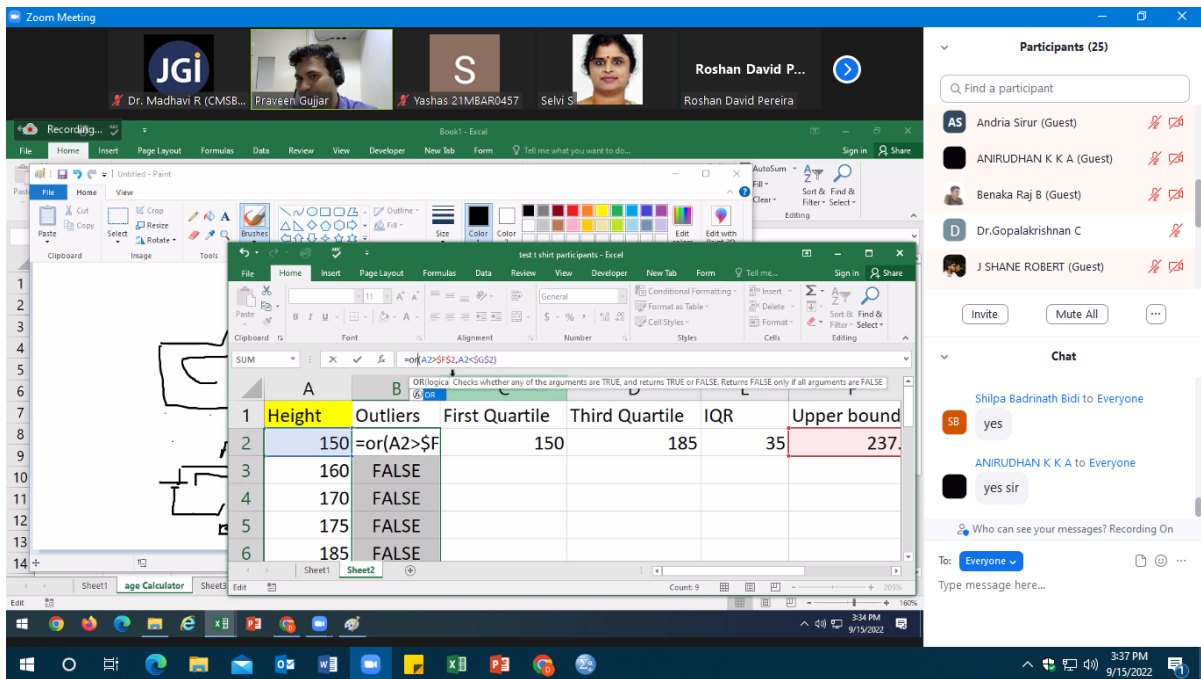


Prof. Naveen Kumar V, conducting sessions via Zoom on Data Visualisation during the PDP on Day 2

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Prof. Naveen Kumar V, conducting sessions via Zoom on Data Visualisation during the PDP on Day 3



Dr. Praveen Gujjar, conducting sessions via Zoom on Data Visualisation during the PDP on Day 4

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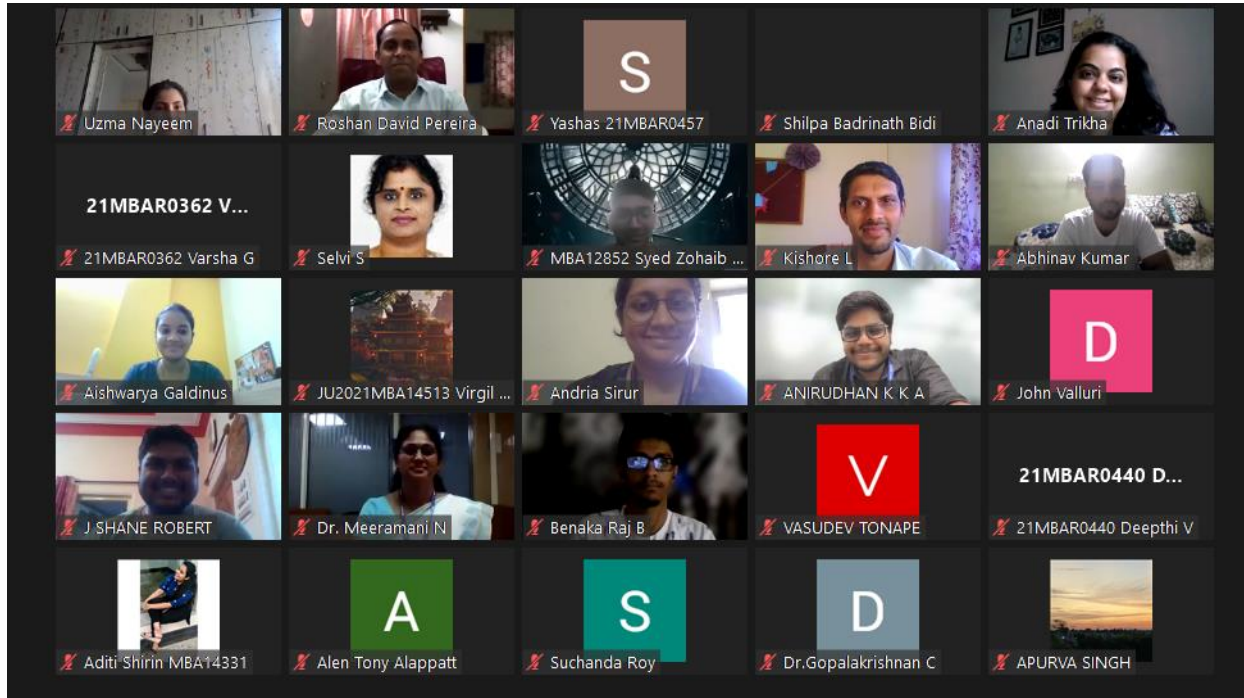
1	EPOCH X	y	Cluster 1 (2,10)	Cluster 2	Cluster 3
2	A1	10	5	4.24264	3.16228
3	A2	2	5	4.24264	3.16228
4	A3	8	5	4.24264	3.16228
5	A4	5	8	0	7.2111
6	A5	7	5	7.071067812	3.60555
7	A6	6	4	7.211102551	4.12311
8	A7	1	2	8.062257748	7.2111
9	A8	4	9	2.236067977	1.41421
10					
11			Cluster 1 {A1}		
12			Cluster 2 {A3,A4,A5,A6,A2}		
13			Cluster 3 {A2,A7}		

Dr. Praveen Gujjar, conducting sessions via Zoom on Data Visualisation during the PDP on Day 4

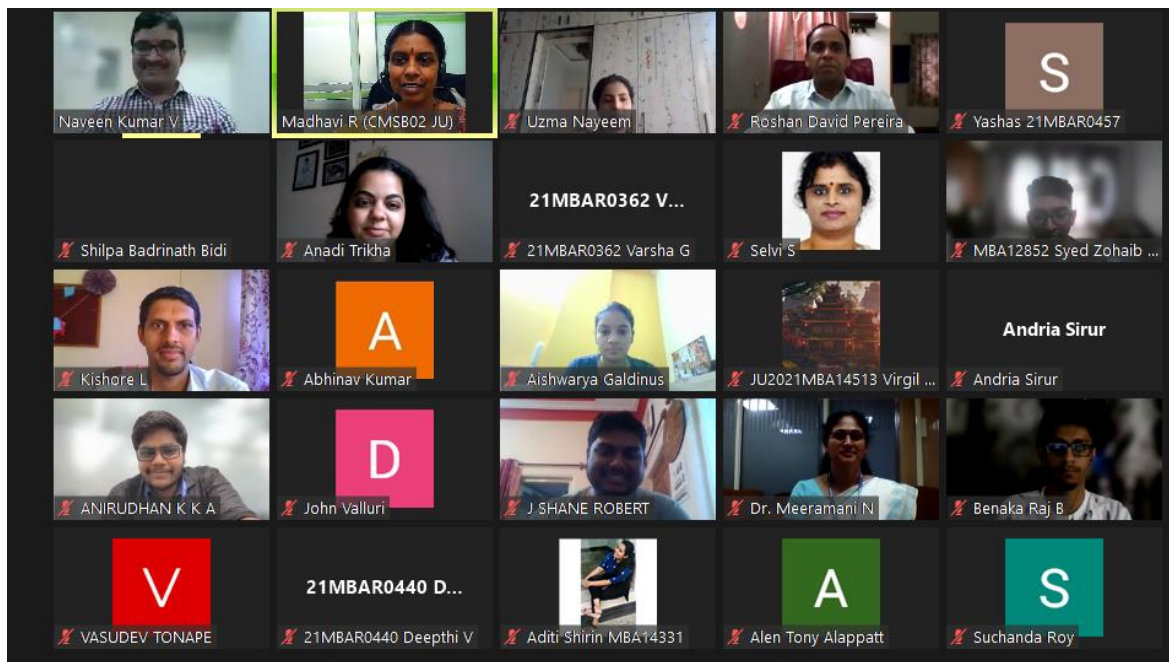
1	Invoice	169492
2	GST	18%
3	Total Price	200000

Dr. Praveen Gujjar, conducting sessions via Zoom on Data Visualisation during the PDP on Day 4

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Group photo of all the participants and the resource persons on Day 5 of the PDP (16th Sept 2022)



Group photo of all the participants and the resource persons on Day 5 of the PDP (16th Sept 2022)