

ICADT-2025: Preconference Workshop on Data Visualization Tools and Techniques (25 October 2025, Saturday, Forenoon Session)

This workshop is premeditated to prepare participants with the skills to transmute intricate data into vibrant, actionable insights using visualization tools like Power BI and QuickSight. It will include hands-on exercises and real-world case studies. Participants will acquire knowledge and skill relevant to diverse fields such as sustainability, bioinformatics, engineering, and business. This will empower them for knowledgeable decision-making.

Topics:

- Advanced visualizations in Power BI
- Custom visuals and advanced DAX calculations in Power BI
- Dashboard design principles and best practices
- Creating effective and interactive dashboards
- Storytelling with data and creating impactful visualizations
- Dashboard review and feedback
- Advanced visualizations in QuickSight
- Calculated fields, aggregations, and parameters in QuickSight

RESOURCE PERSONS



Mr. Mohit Kumar
Senior Manager-AI
EY, Bengaluru.

Mr. Mohit Kumar is a machine learning leader with 10+ years of industry experience. Passionate and accomplished Data Scientist with a background in developing cutting-edge AI and ML solutions for prominent companies. He has proven expertise in spearheading R&D initiatives, and high-impact AI projects. He has extensive experience in AWS & GCP Cloud Services, MLOps, and Kubernetes. He has filed three machine learning patents and pursuing a PhD in AI. He is skilled in full-stack development of AI ML/DL. He is recognized for exceptional leadership and collaboration, driving teams to achieve project success and fostering a culture of innovation.



Dr. K. Ganesan,
Professor Higher Academic Grade,
SCORE, VIT, Vellore.

Dr. K. Ganesan, earned his Ph.D. in 1993 and pursued postdoctoral research at Queen's University Belfast. He has led multiple departments including IT, CSE, and Business School at VIT University, contributing to AACSB and ABET accreditations. As Director of TIFAC-CORE for 16 years, he advanced automotive infotonics research. With 80+ publications and 27 patents—some in collaboration with students—his US patent has influenced Indian Railways services. He's conducted 375+ training programs, authored books, and executed 25 industry consultancy projects with grants exceeding ₹47 crores. His work spans AI, IoT, cryptography, and data analytics. A mentor to startups and MSMEs, his AI projects have gained wide online attention.

TARGET AUDIENCE

- Faculty members, Researchers and Students from Academia
- Young researchers and scientists from Science and Technology (S&T) Organizations
- Young IT Professionals and Consultants from Business, Industry and Govt.

Workshop Coordinators:

Prof. A. Justin Gopinath
Prof. Naveenkumar J
Prof. D Ajitha
Prof. Perepi Rajarajeswari
Prof. Sridhar Raj S
Prof. Saraswathi Priyadharshini
Prof. Parthasarathy G
Prof. Bhawana Tyagi
Prof. Naga Priyadarsini R
Prof. Muthunagai S. U