RAJEEV INSTITUTE OF TECHNOLOGY

Plot 1-D, Growth Center, B-M Bypass Road, Hassan, Karnataka - 573201.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI&ML)



Three-Day Alumni-Led Workshop on "Data Visualization and Business Intelligence"

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

IQAC



Data Visualization & Business Intelligence

WORKSHOP

Data Visualization: Crafting Business Insights in Power BI

Chief Patrons :

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(President, RET, Hassan)

Dr. Ranjith Rajeev
(Vice- President, RET, Hassan)

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(Secretary, RET, Hassan)

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Dr. Mahesh P K
(Principal, RIT, Hassan)

Organizing Chair :

Dr. Sharath M N
(Assoc. Professor & Head)

Staff Coordinators :

Ms. Chithra H N
(Asst. Professor)

Mr. Lohith D K
(Asst. Professor)

Student Coordinators :

Yashwanth Gowda M
(5th sem CSE(AI&ML))

Charan B S
(5th Sem CSE(AI&ML))

About the Institution (RIT)

Established in 2008, Rajeev Institute of Technology (RIT) is a premier engineering institution known for academic excellence and industry-oriented programs. With highly qualified faculty and a focus on innovation, RIT prepares students for future technological challenges.

RIT has emerged as a hub for technical education and skill development. The institute blends rigorous academics with hands-on learning to nurture competent professionals. Its commitment to research, innovation, and holistic growth shapes graduates ready to excel in a competitive world.

About the workshop

This three-day alumni-led workshop focuses on developing skills in data visualization and business intelligence. Participants will learn how to transform raw data into meaningful insights through effective visual storytelling, dashboard creation, and analytical techniques. The sessions will cover both conceptual foundations and hands-on exercises, ensuring practical learning. We will be using industry-standard tools, including Microsoft Power BI and Tableau, for demonstrations and practice.

Workshop Outline

Day 1 – Fundamentals & Data Preparation

- Introduction to Data Visualization & BI concepts
- Overview of Microsoft Power BI & Tableau
- Connecting to different data sources
- Data cleaning and transformation techniques

Day 2 – Building Dashboards & Visual Stories

- Creating charts, tables, and maps
- Designing interactive dashboards in Power BI
- Using Tableau for comparative analysis
- Applying visualization best practices

Day 3 – Advanced Analytics & Project Work

- Implementing filters, slicers, and drill-through
- Combining multiple datasets for deeper insights
- Real-world case study: End-to-end BI workflow

Resource Person

Abhishek D M
Software Engineer
RIT Alumni

Target Audience

This workshop is tailored for 3rd-year CSE (AI & ML) students of Rajeev Institute of Technology, aiming to deepen their understanding of how AI technologies can be applied to modern education through intelligent systems, personalized learning, and smart teaching tools.

About the Department

The CSE(AI&ML) Department at Rajeev Institute of Technology is committed to providing high-quality education, training, and research opportunities in cutting-edge AI and ML technologies. With a vision to develop skilled professionals who can tackle real-world challenges, the department emphasizes a strong curriculum, hands-on learning, and industry collaborations.

Through research initiatives, skill development programs, and global partnerships, the department aims to shape the future of AI and ML by fostering innovation, ethical practices, and societal impact. Graduates are equipped with the expertise needed for successful careers, higher education, and impactful contributions to industry and research.

Objectives of the Workshop

This workshop is designed to equip students with practical skills in Data Visualization and Business Intelligence using Microsoft Power BI. By the end of the workshop, participants will:

✔ Grasp core concepts of data visualization and BI.

✔ Build interactive dashboards and reports.

✔ Apply best practices for clear, impactful visuals.

✔ Work on real-world case studies and a mini project.

Important Dates:

📅 Workshop Dates: August 12, 13, 14 - 2025

Venue:

📍 208 Lab, 2nd Floor, Main Block, RIT, Hassan.

📜 **Mode:** In-Person Workshop

by
AVINYA