PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF CSE (DATA SCIENCE)

DATA ANALYTICS CLUB

23-07-2025

A Report on the Data Analytics Club Activity

As part of the technical activities under the **Data Analytics Club** of the Department of CSE (Data Science), this event was conducted.

Name of the Event: Technical Seminar

Name of the Topic: A Data Visualization Tool: POWER BI

Name of the Speakers: 1. Sheik Rizwana Begum (23A31A4478)

2. Mutyam Jaya Sri (23A31A4473)

3. Chalagalla Sai Subha Sri (23A31A4460)

Date of the Event: 23-07-2025

Time of the Event: 10:00 AM to 11:00 AM

Venue of the Event: CF–8 (Tech Block)

A total of 86 students attended this event. All the students actively participated and engaged with great enthusiasm.

Brief Write-up of the Event:

The seminar began with a warm welcome and an introduction to the importance of data visualization in modern analytics. The speakers delivered an insightful presentation on Microsoft Power BI, covering its key components such as Power BI Desktop, Power BI Service, and Power BI Mobile Apps. They explained how this tool helps in transforming raw data into meaningful insights through interactive dashboards and reports. Live demonstrations were presented, showcasing how to connect datasets, use DAX functions, create visualizations, and publish dashboards. The session emphasized the practical applications of Power BI in business intelligence and data-driven decision-

making. Students gained hands-on exposure to the Power BI interface and understood its real-world use cases.

HIGHLIGHTS AND KEY TAKEAWAYS:

• Introduction to Power BI and its ecosystem

• Data loading, transformation, and visualization techniques

• Creating interactive dashboards and reports

• Publishing reports to Power BI Service

• Real-time applications of Power BI in industries

POST-EVENT FEEDBACK:

The students found the session highly informative and practical. Many appreciated the hands-on demo and clarity with which the speakers explained technical concepts. Feedback forms indicated that over 90% of attendees rated the session as "Excellent" or "Very Good", particularly valuing the relevance of the topic and presentation quality.
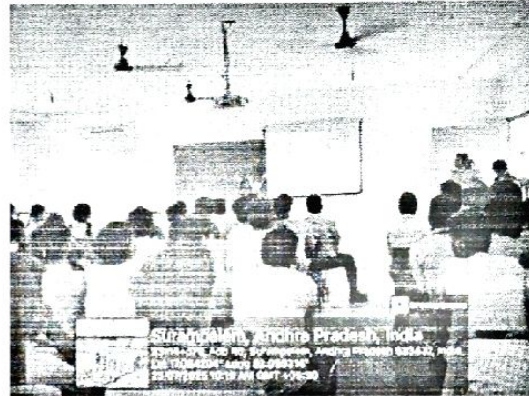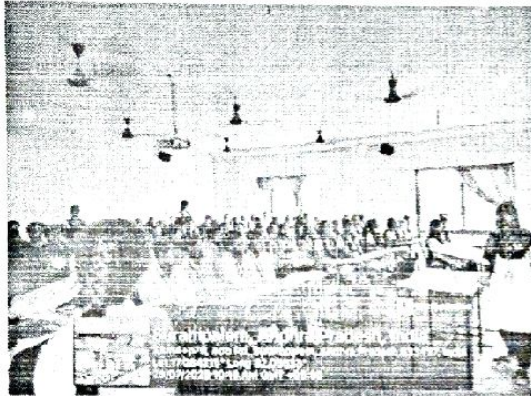
Questions Raised by Students:

• What is the difference between Power BI and Tableau?

• Can we integrate Power BI with Python or R?

• How secure is Power BI when sharing reports across an organization?

• What types of data sources can Power BI connect to?

• Are there any free certifications or courses available for Power BI beginners?

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PHOTOGRAPHS FROM THE EVENT:

23/7/2025

[B. Janu Naik]

HoD – CSE (Data Science)