



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(An Autonomous Institution since 2010)

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 3-11-2025

Report on One-Day Guest lecture on: **Data Analytics**

Event Type : One Day Guest lecture
Date : 01-11-2025
Time : 6:00 PM to 9:00PM
Mode : Online
Organized By : Dept. of CSE, LBRCE, Mylavaram, India
Resource person : Mr. **Suresh Kandula**
Convener : Dr.S.Nagarjuna Reddy, Professor and HOD of CSE
Coordinators : Dr.D.Venkata Subbaiah, Mr.G.V.Suresh and Mrs. P.Sarala
Target : V-Sem Students (CSE)]
Total Number of students: 280

1. Objective:

The main objectives of organizing the guest lecture on *Data Analytics* were:

- To enhance students' understanding of the concepts and practical applications of Data Analytics within the scope of Data Mining.
- To provide insights into the latest tools, technologies, and methodologies used in the data analytics domain.
- To bridge the gap between academic knowledge and industrial practices in handling and analyzing large datasets.
- To motivate students to pursue research and career opportunities in data analytics and related fields

2. Outcome of the event:

After attending the session, students were able to:

- Understand the role and importance of data analytics in real-world problem-solving.
- Identify different stages of the data analytics process—data collection, preprocessing, exploration, and visualization.
- Learn how data mining techniques support data-driven decision-making.
- Gain awareness of emerging trends like predictive analytics, machine learning, and AI in analytics.

3. Description of the Event

The session commenced with a welcome address and introduction of the resource person by **Mr. Suresh Kandula**. The expert started the lecture by explaining the fundamentals of Data Analytics, followed by its integration with Data Mining techniques.

Key highlights of the session included:

- Overview of data preprocessing methods and visualization tools.
- Demonstration of practical case studies using real-world datasets.
- Explanation of model evaluation and accuracy improvement methods.
- Discussion on career pathways and essential skills for data analysts.

The lecture concluded with an interactive Q&A session, where students clarified their doubts regarding analytics tools, such as Python libraries, R, and Power BI

4. Impact Analysis

The guest lecture had a positive impact on students' academic and professional learning:

- Around 250 students from B.Tech (CSE) actively participated.
- Students expressed increased confidence in applying data mining and analytics techniques in their mini and major projects.
- Faculty members reported improved classroom engagement during subsequent analytics-related topics.
- The event helped in establishing a linkage between academic curriculum and industrial practices

5. Feedback and Suggestions


Feedback Summary:

- Most participants rated the session as “Excellent” in terms of content and delivery.
- Students appreciated the hands-on examples and real-time data analytics demonstrations.
- They requested more workshops focusing on practical implementation using Python and visualization tools.

Suggestions:

- Conduct more advanced sessions or short-term certification programs on Data Analytics and Machine Learning.

- Include live project demonstrations and tool-based learning in future guest lectures



PROFILE SUMMARY

Deputy Manager @ HCL Technologies

- 10+ years into Dashboards Development
- Having Experience in Tableau Desktop & Online.
- Having extensive Experience in Power BI Tool
- Expertise in creating Dashboards using Tableau
- Followed Agile SCRUM and have abilities to work in Waterfall Model
- Strong in writing Calculations and LODs.

Guest Lecture on **DATA ANALYTICS**

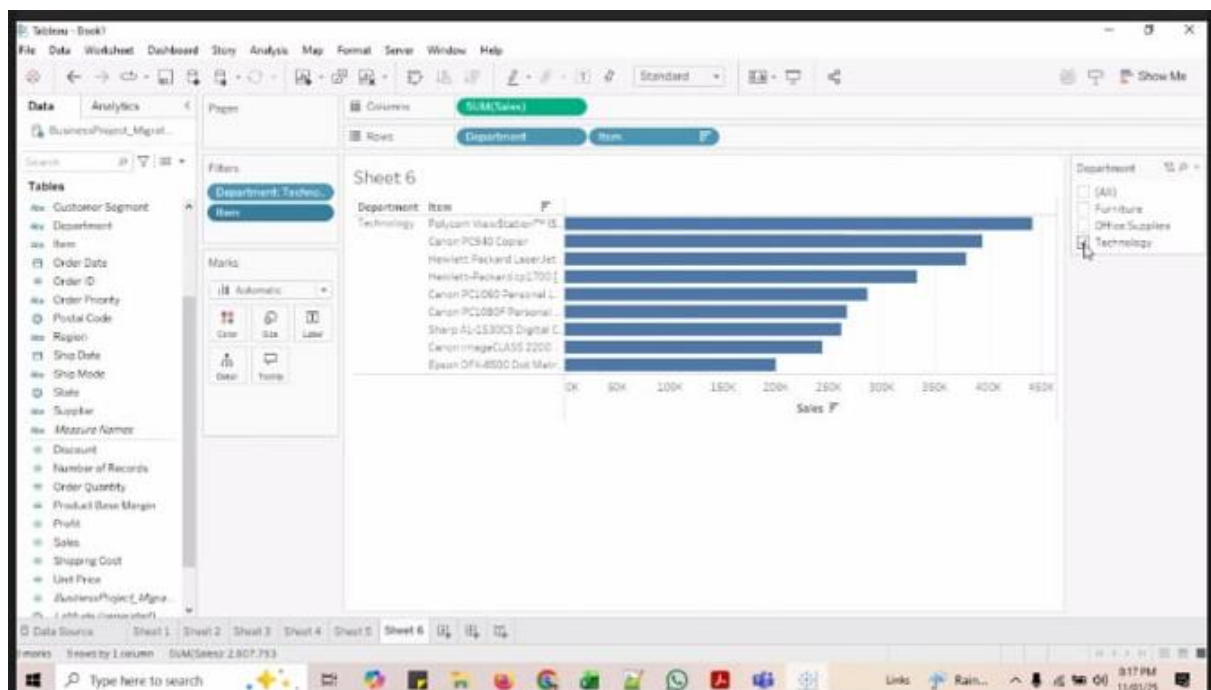
With **TABLEAU**

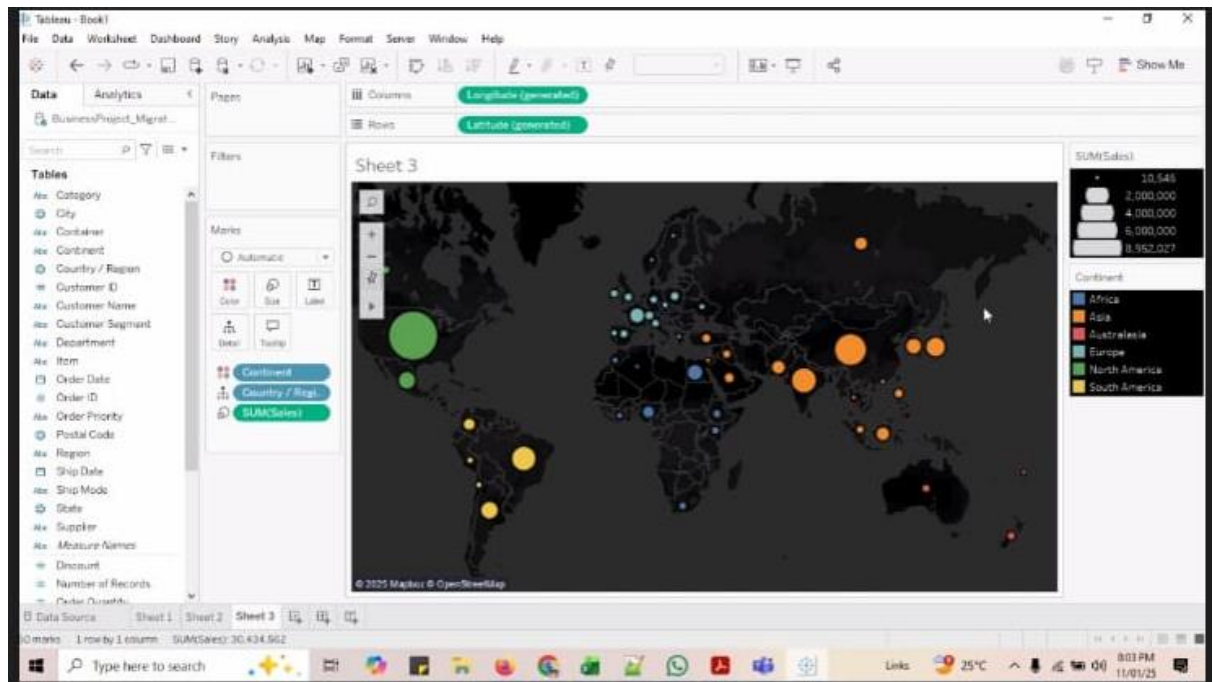
by

Suresh kandula

➤ **Concepts :**

- ✓ Introduction to Data & Analytics.
- ✓ Importance of Reporting Tools.
- ✓ Tableau Introduction.
- ✓ Download & Installation of Tableau.
- ✓ Connecting Data with Tableau Tool.
- ✓ Practice Project Explanation.
- ✓ Creating different Reports using different concepts of Tableau.





6. Conclusion

The guest lecture on *Data Analytics* was highly informative and beneficial to students, providing deep insights into how data analytics supports effective decision-making across industries. The event successfully achieved its objectives and enhanced the participants' understanding of data mining applications in analytics. It also encouraged students to explore advanced research and career opportunities in the field of data science.

Coorinator

HOD