NEW HORIZON COLLEGE OF ENGINEERING

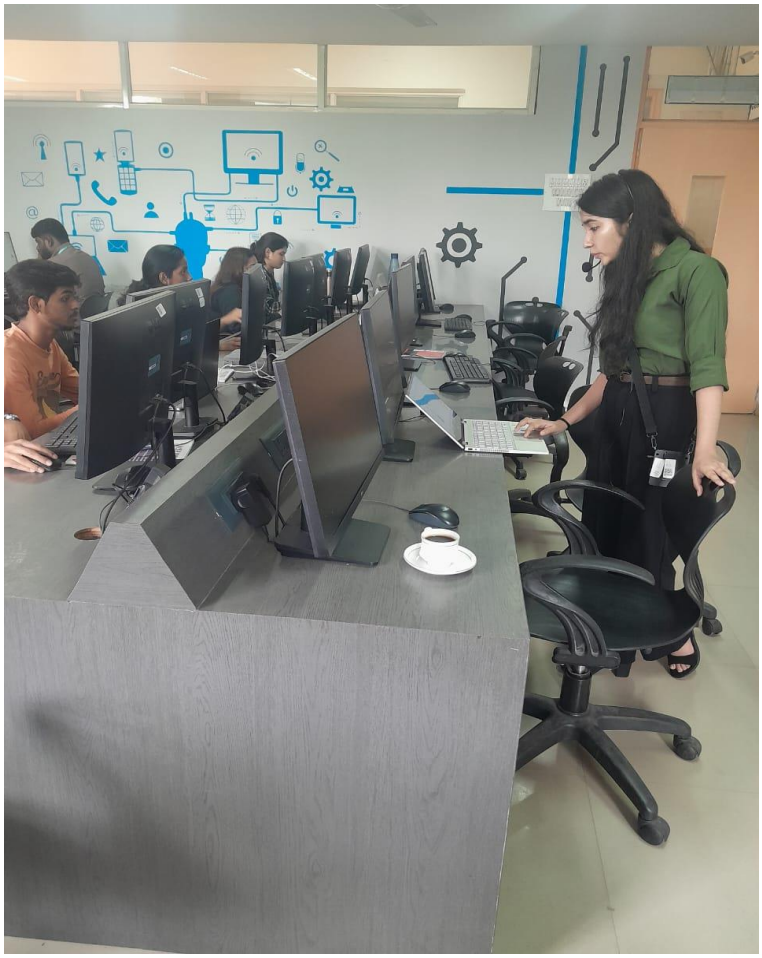
DEPARTMENT OF CSE (DATA SCIENCE)

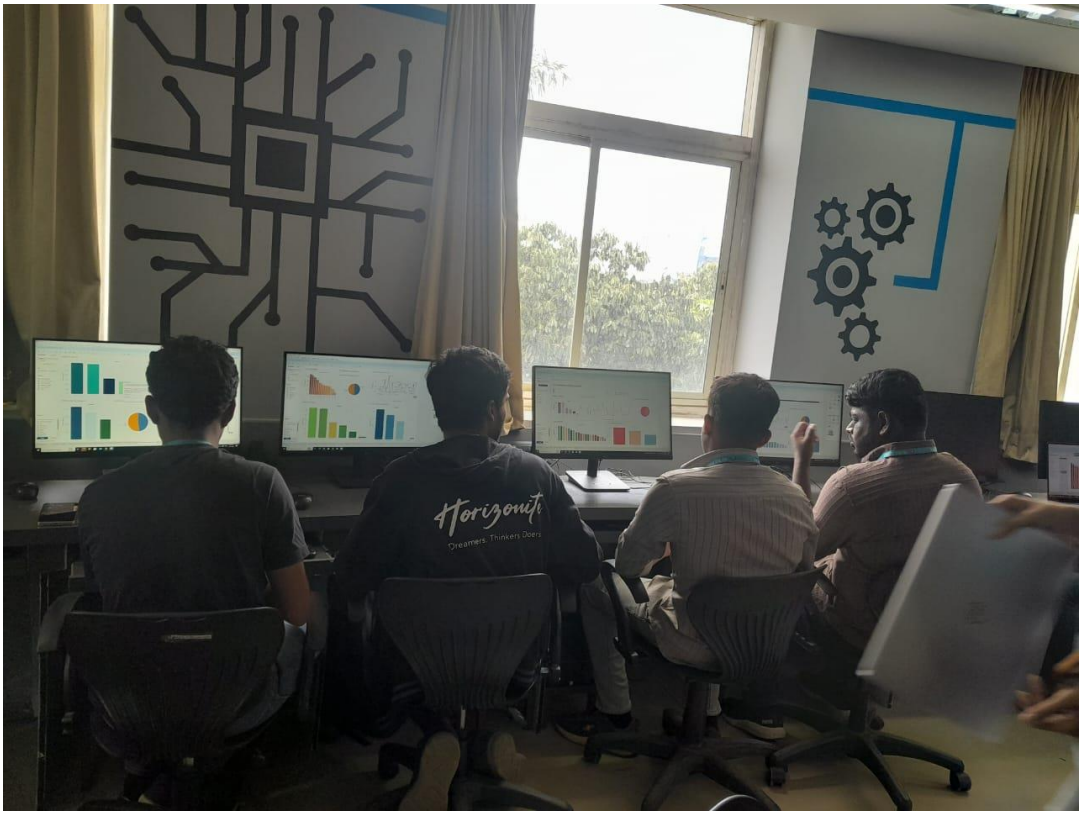
Event: Workshop

Venue: Room C211 **Time-10:00 AM-1:00PM**

The Department of Computer Science and Engineering (Data Science), New Horizon College of Engineering, organized a workshop titled **"Start to End:Data To Visualization and Decision making in Tableau"** on **26th November 2025** for **7th semester students**. The session was conducted by **Ms. Anisha K**, **Data Analyst at Analytics with Anand.**

A workshop on Data Analytics for 7th-semester data science students would introduce foundational and highly practical Data Analytics skills that are increasingly essential for the field. Students would get both conceptual knowledge and hands-on ability in importing datasets, connecting them, analyzing the data, visualizing the data using a variety of graphs so as to find meaningful solutions to business problems. The fundamentals of data analytics: how can data be visualized to lead to smarter decision making and help businesses grow faster and reduce losses.





The workshop on Data Analytics was conducted to introduce students to practical data visualization and business intelligence techniques using one of the most widely used analytics tools in the industry – Tableau.

The workshop by Ms. Anisha K explained the fundamentals of Tableau and demonstrated how to load datasets and establish connections between different data sources. Students learned how to organize, clean, and prepare datasets for analysis before creating visual representations. Hands-on sessions focused on creating various types of charts and visualizations to analyze business-related problems. The participants were guided on selecting appropriate chart types based on the nature of data and requirements of analysis. Through practical exercises, students understood how visual insights help in identifying trends, patterns, and comparisons. Students were also trained to design interactive dashboards by combining multiple charts into a single view, the dashboard. This allowed them to present information in a clear and structured manner, making it easier to interpret complex datasets. The importance of dashboards in supporting data-driven decision-making was highlighted, showing how organizations use visual analytics to make informed business choices. The workshop enabled students to gain practical exposure to real-world data analysis scenarios and improved their ability to transform raw data into meaningful insights and solve business problems in a

smart manner. It equipped them with essential skills in data visualization, analytical thinking, and problem-solving, which are crucial in the field of data science and analytics.

Overall, the workshop provided valuable industry-oriented learning and enhanced the students' confidence in using Tableau for professional data analysis and reporting purposes.

Faculty Coordinator	Convener
Assistant Prof.	HOD-CSE-DS
Prof. Shefali Sharma	Dr. B Swathi