



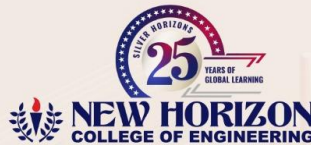
NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF CSE (DATA SCIENCE)

Event: “End-to-End Data Analytics in the IT Industry”

Venue: Room C217

Time-10:00 AM-12:00PM



Workshop

End-to-End Data Analytics in the IT Industry

-  31st March 2026
-  10:00 AM – 01:00 PM
-  Room No. C217
-  6th Semester Students



Mr. Jagadeesh Pondara

Assistant Manager, Business Analyst
Data Labs, CSI Landmark Group

Coordinator
Ms. Swati Sehgal
Assistant Professor

Convenor
Dr. B Swathi
HoD - CSE (DS)

Dr. R J Anandhi
Dean - Academics

Dr. Manjunatha
Principal

Organised by
Department of Computer Science and Engineering (Data Science)

The Department of Computer Science and Engineering (Data Science), New Horizon College of Engineering, in association with IEEE NHCE Student Branch and Computer Society of India, organized a workshop titled “**End-to-End Data Analytics in the IT Industry**” on **31st March 2026** for **6th semester students**. The session was conducted by Jagadeesh Pondara, Assistant Manager, Business Analyst at Data Labs, CSI Landmark Group.

The workshop provided comprehensive insights into the complete lifecycle of data analytics in modern IT environments. The session began with an introduction to data analytics, covering the flow from data collection and preprocessing to analysis, visualization, and decision-making. The speaker explained how organizations leverage structured and unstructured data to derive actionable insights and support business strategies.

The session emphasized key stages such as data cleaning, transformation, exploratory data analysis (EDA), and the use of tools and technologies for effective analytics. Real-world examples were discussed to demonstrate how businesses utilize data pipelines, dashboards, and reporting systems to improve operational efficiency and customer experience.





A major focus of the workshop was on industry applications of data analytics across domains such as finance, healthcare, e-commerce, and IT services. The speaker highlighted how analytics helps in predicting trends, optimizing business processes, enhancing decision-making, and enabling data-driven culture within organizations.

The benefits of adopting end-to-end data analytics were discussed in detail. These include improved efficiency through automation, better accuracy in forecasting, enhanced customer insights, and increased competitiveness in the market. The session also showcased how analytics contributes to scalability and innovation in business operations.

However, the workshop also addressed challenges in implementing data analytics solutions. These include data quality issues, integration with legacy systems, data privacy concerns, and the need for skilled professionals. The speaker stressed the importance of proper data governance, ethical considerations, and continuous learning to overcome these challenges.

The workshop provided participants with a clear understanding of how data analytics functions as a backbone for modern IT industries. It bridged the gap between theoretical concepts and real-world implementation, encouraging students to explore career opportunities in data analytics, business intelligence, and data engineering.

The session also contributed to career awareness and skill development by highlighting the importance of tools, analytical thinking, and problem-solving abilities required in the industry. Overall, the workshop enabled students to gain practical insights into the evolving landscape of data analytics and prepared them to align with industry demands.



Faculty Coordinator

Assistant Prof.

Prof. Ms. Swati Sehgal

Convener

HOD-CSE-DS

Dr. B Swathi