NEW HORIZON COLLEGE OF ENGINEERING

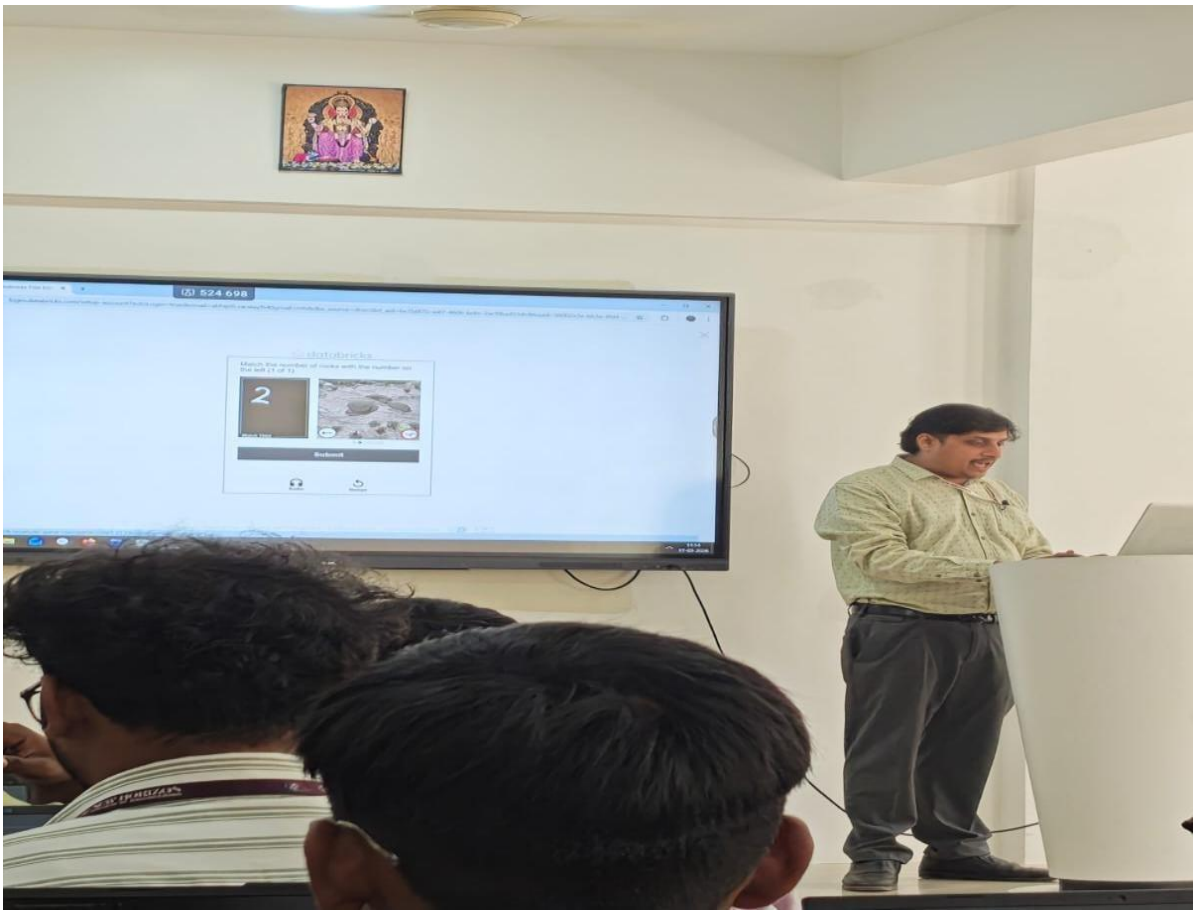
DEPARTMENT OF CSE - DATA SCIENCE

Event: "Getting Started with Databricks for Data Engineering"

Venue: Room C222 **Time-10:00 AM-1:00PM**

The Department of Computer Science and Engineering (Data Science), New Horizon College of Engineering, organized a workshop titled **"Getting Started with Databricks for Data Engineering"** on **17th March 2026** for **6th semester students**. The session was conducted by **Mr. Abhijith Saralaya, Founder & Director of SMAG-J Enterprises**

Mr. Abhijith Saralaya is the Founder and Director of SMAG-J Enterprises. He has extensive experience in delivering technology workshops, student training programs, career guidance sessions for placements, and faculty development programs across various engineering colleges. Through his organization, he works on industry-focused solutions such as web application development, mobile application development, supply chain management solutions, cloud monitoring services, AI-driven application development, and digital marketing. He is also associated with technical training initiatives through CTC World, where he supports students and professionals in gaining industry-relevant technical skills and knowledge.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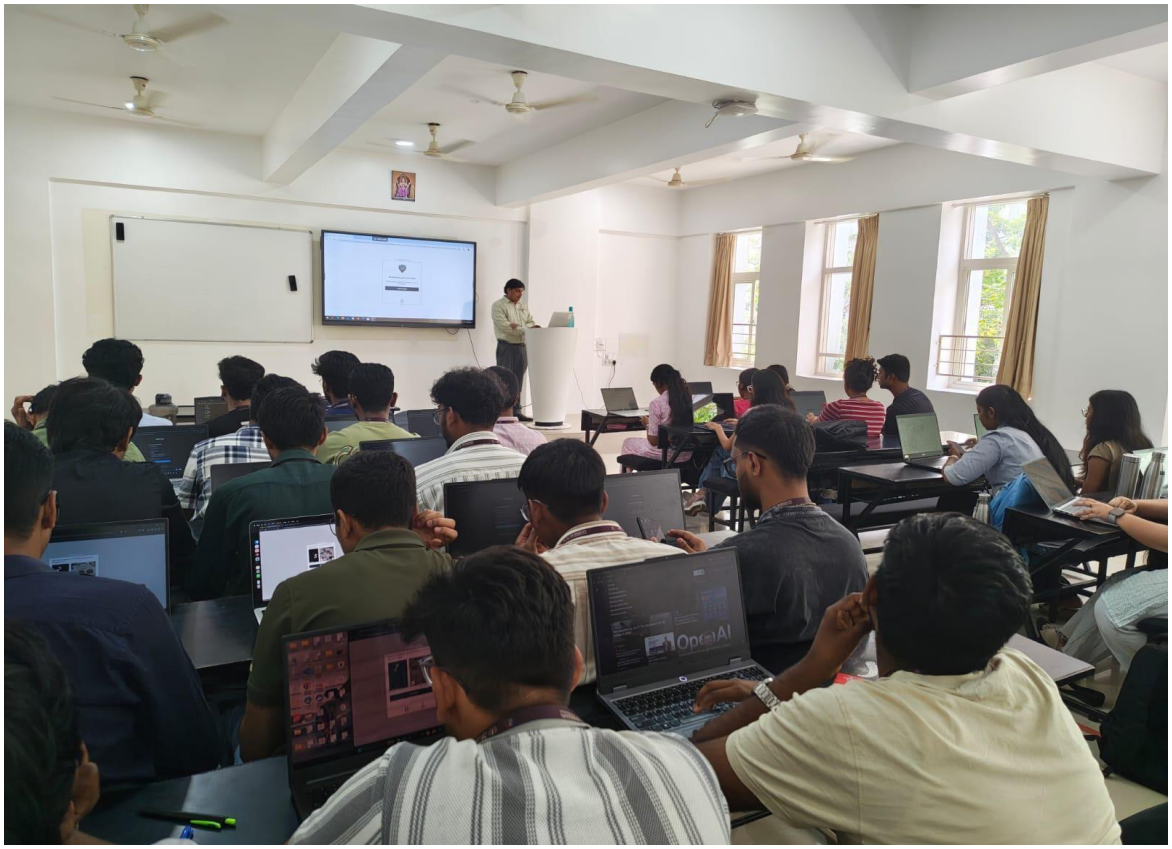

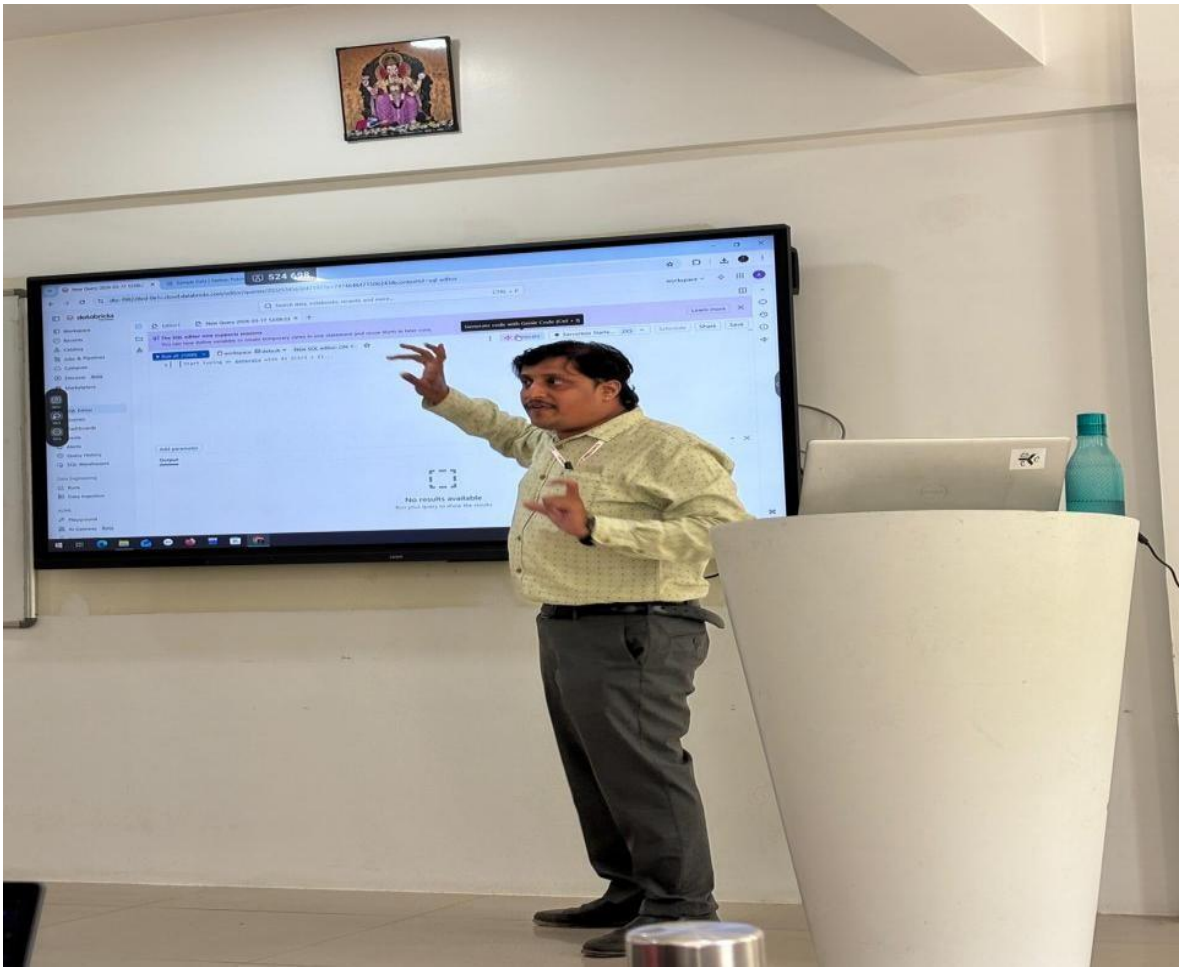

Mr. Abhijith began the session by introducing the **importance of modern data engineering** in today's data-driven world. He explained how organizations handle large volumes of data and how platforms like **Databricks** help engineers efficiently process, manage, and analyze big data. He highlighted the growing demand for data engineers and the role they play in building scalable data pipelines for **business intelligence and analytics**.

During the session, he provided an overview of the Databricks platform and explained how it integrates technologies such as **Apache Spark** to process large datasets efficiently. He demonstrated how Databricks enables **collaborative data engineering** by allowing teams to work together using **notebooks, data pipelines, and cloud-based analytics tools**.
Mr. Abhijith also discussed practical applications of data engineering in industries such as **e-commerce, finance, healthcare, and supply chain management**. He explained how structured and unstructured data can be transformed into meaningful insights through proper data processing and storage techniques. The session also included guidance on industry expectations, skill development, and career opportunities for students interested in the fields of **data engineering and big data technologies**.

Throughout the workshop, he shared his professional experiences and provided insights into how **companies use modern data platforms to build scalable applications and analytics solution**s. He encouraged students to explore hands-on projects and continuously upgrade their technical skills to stay relevant in the evolving technology landscape.

The session concluded with an interactive Q&A segment where students actively participated, asked questions regarding **Databricks, career**

opportunities, and practical project ideas in data engineering.

Overall, the workshop provided a valuable learning experience for the students, helping them understand the fundamentals of data engineering and the practical usage of Databricks in real-world applications. The session inspired students to explore advanced technologies in big data and build industry-relevant skills for their future careers.

Faculty Coordinator	Convener
Assistant Prof.	HOD-CSE-DS
Ms. Swathi Vinesh	Dr. B Swathi