



# NEW HORIZON COLLEGE OF ENGINEERING

**Department of Computer Science and Engineering (Data Science)**

**Workshop Report On**

**“Mastering the art of automating end to end data analytics project”**

The department of Computer Science & Engineering (Data Science) had organized a workshop on the theme “Mastering the art of automating end to end data analytics project” on 5<sup>th</sup> January 2024. Mr. Anand Jha, Lead Technical Analyst at Coforge and Ms. Renita Nazareth, Senior Quality Analyst at UST were invited to address the students .

The student of the department Ms. Khushi Shrimali rendered the welcome address. Mr. Anand Jha has shared insights on language for data analyst (python, SQL), learning strategies, Mastering Syntax and Semantics and Exploring Advanced Concepts. The session started with the introduction of the topic, with importance of python and SQL along with other career paths in data science and how to master them. He told students to gain knowledge on cloud technology which is used for sharing data in structured and unstructured data such as Snowflake, AWS, Google cloud. The students were asked to explore advance concepts such as data structures, algorithms and design patterns.



*In pic: Ms Khushi Shrimali is welcoming the guests.*

He showed students how to identify and access data in AWS along with some basic interview questions on python, SQL and demonstrated the program for storage integration of two different clouds along with end-to-end analysis. He taught important python arguments and how to integrate NumPy and Data frame. Mr. Anand Jha gave a brief introduction to POWER BI and how it can handle huge data. He delivered the importance of primary key and foreign key. He showed students how to automate the work in cloud technology and provided students with his YouTube channel named analytics with Anand for in depth conceptual understanding.

Ms. Renita Nazareth gave students insights of companies' requirement and encouraged students to never stop learning as the technologies keep changing. She requested students to create a LinkedIn and GitHub account to get updates about data analytics and other database software.



*In pic: Mr. Anand Jha is addressing the students*

The workshop by Mr. Anand Jha and Ms. Renita Nazareth provided valuable insights into Mastering the art of automating end to end data analytics in Technology and Data Engineering.



*In pic: Mr. Vijayakumar R is felicitating the guests.*

Mr. Vijay Kumar R summarized the presentation, coupled with real-world examples to comprehend the complex subject matter at ease to the audience.

This talk has contributed significantly to the understanding of Data Science and has sparked further interest among the students in exploring related topics. The session was concluded with the Vote of Thanks by Ms. Khushi Shrimali student of Department of Computer Science & Engineering (Data Science).

HoD – CSE (DS)