NEW HORIZON COLLEGE OF ENGINEERING

CO-CURRICULAR CLUB

DATA ANALYTICS CLUB

DATA ANALYTICS USING PYTHON

Venue: Department of Management Studies (Room A-306)
Date: 30th May 2024
Time: 11 AM-1.00 PM

Faculty Coordinators: Prof. Shivashish Gour, Assistant Professor - MBA

Student Coordinators: Nisha Goswami-1NH22BA098- SEM 4

Sachin Sunil-1NH22BA126-SEM 4

Total Number of Internal Participants: 40 (UG and PG students) + 4 (Faculties)

Total Number of External Participants: 0

Event Poster weblink in NHCE Website/Instagram / LinkedIn or any other Social Media Sites:

LinkedIn: https://www.linkedin.com/posts/nisha-goswami-mba_data-analytics-workshop-alert-activity-7201463297366216704-yTG5?utm_source=share&utm_medium=member_desktop

Targeted Audience: Undergraduate (UG) and Post Graduate (PG) students from MBA, CSE, and DS.

Description of the Event:

The Data Analytics Club of New Horizon College of Engineering successfully conducted a workshop titled "Data Analytics Using Python" on May 30, 2024. The event took place from 11:00 AM to 1:00 PM in Room A-306, Department of Management Studies.

Agenda and Topics Covered:

The workshop aimed to provide a comprehensive introduction to data analytics using Python. The topics covered were as follows:

1. Introduction to Python

2. Installation of IDLE and Jupyter Notebook

3. Python Data Types

4. Operators

5. Functions

6. Introduction to Installation and Usage of Different Libraries in Python

7. Introduction to Data Analysis

8. Pandas Library

9. Matplotlib Library

10. Core Data Types: List, Tuple, Dictionary

11. Importing a Dataset

12. Plotting Using Matplotlib

Participants:

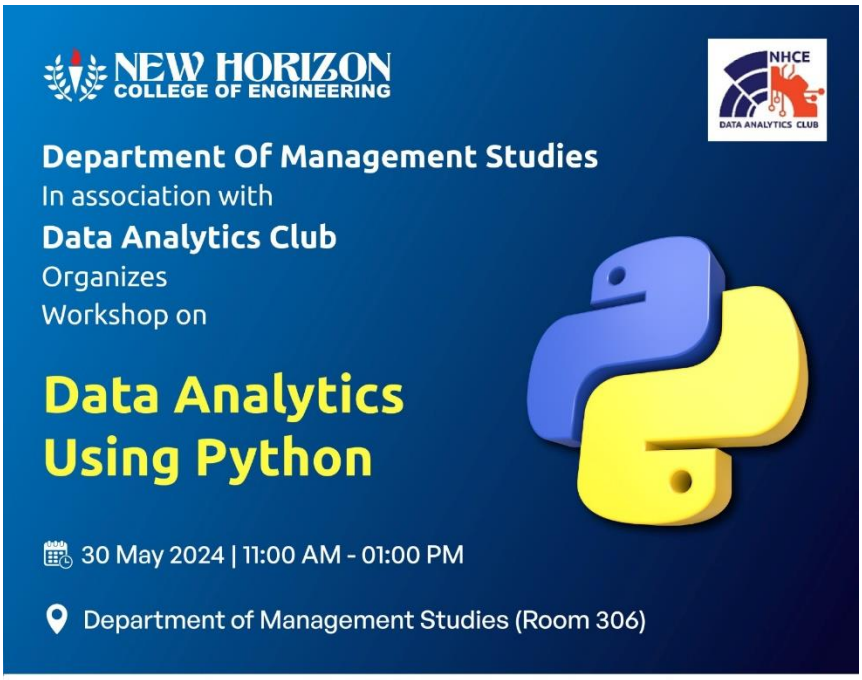
The workshop saw an enthusiastic participation of 40 students from various departments, including MBA, Computer Science Engineering (CSE), and Data Science (DS). Additionally, 4 faculty members from the MBA department joined the session, contributing to the diversity and richness of the learning experience.

Highlights:

- The workshop was highly interactive, allowing participants to engage in hands-on activities and real-time problem-solving.
- Demonstrations on installing Python, setting up IDLE and Jupyter Notebook, and using libraries like Pandas and Matplotlib were particularly appreciated.
- The content covered ranged from basic Python programming to advanced data analysis techniques, ensuring a well-rounded understanding of the subject.

The workshop was a significant step in enhancing the data analytics skills of the participants, equipping them with practical knowledge and tools to apply Python in their future projects. The Data Analytics Club looks forward to organizing more such events to foster a learning environment and keep students updated with the latest trends and technologies in data analytics.

Include Event Poster, Event Photographs (3 Nos):



Vehicle Dataset 2024