MAHARAJA AGRASEN INSTITUTE OF MANAGEMENT STUDIES

(A unit of Maharaja Agrasen Technical Education Society)

Affiliated to GGSIP University; Recognized u/s 2(f) of UGC Recognized by Bar Council of India; ISO 9001: 2015 Certified Institution Maharaja Agrasen Chowk, Sector 22, Rohini, Delhi - 110086, INDIA Tel. Office: 8448186947, 8448186950 www.maims.ac.in

Wednesday, 13th September 2023

REPORT- DATA ANALYTICS WORKSHOP

Academic Year 2023-24

Name of Event: Data Analytics Workshop

Organizing Unit: Training & Placement Cell

Head of the Institution: Prof. (Dr.) Rajni Malhotra Dhingra

Conveners: Dr. Shilpee Aggarwal, Dr. Bharti Chaudhary

Date of the Event: September 13, 2023

Time of the Event: 1 PM

Location: Room No. 937, 9th Block, Maharaja Agrasen Institute of Management Studies

Number of Students participated: 50

This event was in collaboration of IMS PROSCHOOL and was to inculcate the basics of Data Analytics within students.

Introduction to IMS PROSCHOOL:

IMS has been ranked as one of the most trusted education brands in the country for the last 45 years. Since 2010 Proschool has emerged as a leading, national player in professional skills training. Our endeavor is to get students into jobs that give them helpful experience for a successful and long-term career. Currently, we provide skilling programs in Finance, Accounting, Analytics, Cyber Security Career Oriented Professional Programmes in association with ACCA, CIMA, CFA, NSE, NSDC, and others. Successfully trained more than 50,000 candidates.

Purpose of the Workshop:

The visit specifically, sought to achieve the following objectives:

- **Understanding how to manage datasets**: Learn how to explore and manage large datasets generated and used in the modern world.
- **Understanding approaches of data Integrity**: Study approaches used to store, retrieve, and manage data in the real world, query techniques, data integrity, and quality.

- **Visualization Basics**: compute summary statistics, check data distributions, conduct basic data cleaning and transformation, and plot simple visualizations.
- **Understanding Role of Data Analysts**: Data analysts typically analyze raw data for insights and trends. They use various tools and techniques to help organizations make decisions and succeed.

Key Highlights:

- **Introductory Presentation**: The introductory presentation included the basics of Data Visualization and the ways to analyze data in a structured format and did a practical approach of the same.
- **Evolving Insights**: Data visualization helps people analyze data, especially large volumes of data, quickly and efficiently. By providing easy-to-understand visual representations of data, it helps employees make more informed decisions based on that data.

Learning Outcomes:

The workshop helped in understand the basics, ideas, and ways to work on data Visualization. This ideation was to make students understand the use of this tool and how it helps in the modern world. This workshop helped in increasing the knowledge data modeling and data analysis and how important it is for the analysts to work of data using these visualization tools.

We extend our sincere gratitude to IMS PROSCHOOL and Mr. Rohan Saini for their informative session.

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