REPORT ON

3-DAY WORKSHOP
on
"DATA SCIENCE: HOW TO GET STARTED"

ORGANIZED BY

DEPARTMENT OF COMPUTER APPLICATION

30th, 31st May and 1st June

The Department of Computer Application, Integral University, Lucknow organized a 3-day workshop on "Data Science: How To Get Started" from 30th May to 1st June.

Objective:
The primary objective of the workshop was to introduce participants to the exciting field of data science and provide them with a strong foundation to embark on a data science journey. The workshop aimed to familiarize participants with essential concepts, tools, and techniques in data science and enable them to understand the practical applications of data analysis and predictive modeling.

Workshop Details:
The workshop took place in Hall-2 of the Central Auditorium, with sessions scheduled from 01:45 pm to 03:45 pm each day. A total of **210 registrations** were received for the workshop, and on each day, there was active participation from students representing various academic domains, such as **BCA, BTech, BSc, BBA, BPharma MCA, MBA, MSc, and MEd.**

The workshop featured **Dr. Afreen Khan**, Assistant Professor at Integral University, as the resource person. With her extensive knowledge and expertise in the field of data science, Dr. Khan provided valuable insights and guidance to the participants. She

shared practical examples, real-world case studies, and industry best practices, enabling the participants to grasp the concepts effectively.

The workshop curriculum covered a wide range of topics essential to data science, including data analysis, statistical analysis, machine learning, predictive modeling, and exploratory data analysis. Dr. Khan's engaging and interactive teaching style, coupled with hands-on exercises, allowed participants to apply the concepts in a practical setting. The participants expressed their appreciation for Dr. Afreen Khan's expertise and her ability to simplify complex concepts. Her interactive sessions and approachable demeanor created an inclusive learning environment, encouraging participants to actively participate and seek clarification.

On the third day of the workshop, in addition to the regular sessions, an engaging quiz was organized in the later part of the day. The quiz aimed to test the participants' understanding of the concepts covered throughout the workshop and provide them with an opportunity to apply their knowledge in a fun and competitive setting. The participants enthusiastically participated in the quiz, displaying their competitive spirit and eagerness to showcase their understanding of data science principles. The winners of the quiz were recognized and rewarded for their outstanding performance, further motivating and encouraging the participants to excel in their data science journey. The winners of the quiz competition are listed as under:

1. **Kamran Ahmad – B.Tech (Mechanical) (III year) [First Position]**
2. **Sameer Ahmad – BCA (III year) [Second Position]**
3. **Ashutosh Yadav – MCA (I year) [Third Position]**

We congratulate all the winners and we wish them all the very best for their future competitions organized inside and outside the university with the hope that they bring more laurels to the university.

Also, as part of the data science workshop, a Value-Added Course was included to provide participants with additional learning opportunities. Each day, after the regular sessions, a dedicated discussion forum was conducted where participants could engage in interactive discussions related to the topics covered during the workshop. Furthermore, assignments were given to the participants based on the concepts taught each day. These assignments allowed participants to apply their knowledge and skills in practical scenarios. By completing these tasks, participants had the opportunity to further reinforce their understanding of data science concepts and techniques.

To recognize and appreciate the efforts of the participants, badges, and certificates were awarded based on their performance in the discussion forums and completion of assignments. These badges and certificates served as a testament to the participants' dedication and achievements throughout the workshop.

Participant Feedback:
The workshop received an overwhelming response, with active participation and engagement from the attendees. The participants expressed their satisfaction with the workshop content, delivery, and interactive sessions. They found the hands-on exercises particularly beneficial in applying the concepts learned. The feedback received from the participants highlighted the workshop's effectiveness in demystifying data science and equipping them with the necessary skills to pursue careers or research in the field.

The three-day event was skillfully coordinated and managed by **Dr. Afreen Khan, Ms. Gausiya Yasmeen,** and Student coordinators: **Arbaz Uddin Khan, Abdul Hannan,** and **Mohd Maaz**.

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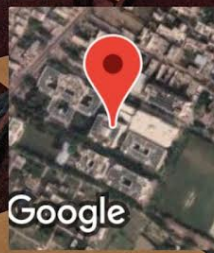Lat 26.958447°
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