Mittal Institute of Education

(Approved by NCTE, New Delhi & Affiliated to BU, Bhopal M.P.)

Opposite Bhopal Memorial Hospital & Research Center Nabi Bagh, Bhopal – 38

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Report on "Analytics and Data Insights" Webinar

Dated 6th March 2021

Time – 12:00 P.M. to 3:00 P.M.

Webinar's Invitation Picture circulated in all the groups along with the Zoom Link

About the Webinar

Mittal Institute of Education (MIE) organized the Webinar on the topic "**Analytics and Data Insights**" for all the faculty members as well as students. The Webinar was held on 6th March 2021 on Zoom Call.

The webinar began at 12:00 P.M. in the presence of all the faculty members, students of MGI Campus as well as Vice-Chairman Sir.

The Webinar was perfectly coordinated by Assistant Professor Pragya Nawange M'am and the convenor for the Webinar was Prof. Dev Kumar Chauhan Sir.

The Resource Person for the Webinar was Mr. Abhishek Pal.

A total of 100 participants were actively present on zoom call for learning about the subject and its implications in the modern world.

Through this Webinar, the students had the opportunity to learn about the scope and relevance of data analysis in business and our lives as well. Mr. Abhishek Pal also spoke about career opportunities in the analytics field and also discussed its various types. Overall, the online session was very informative and useful for all the students.

The Webinar was concluded by a vote of thanks and appreciation to the speaker by honorable Dr. Malika Pal, Principal of MIE.

The theme of the webinar:

As the role of technology becomes multi-fold in every sector, it generates huge amounts of information that can yield valuable insights about the field. This has led to a boom in the data industry in the last ten years. Data analytics helps businesses and industries make sense of the vast volumes of information for further growth and development. Investing in analytics is the difference between successful and failing companies in the present and the years to come. Data analytics is an integral component of making strategies in all major organizations as it helps them predict customer trends and behaviors,
increase business productivity, and make evidence-backed decisions.
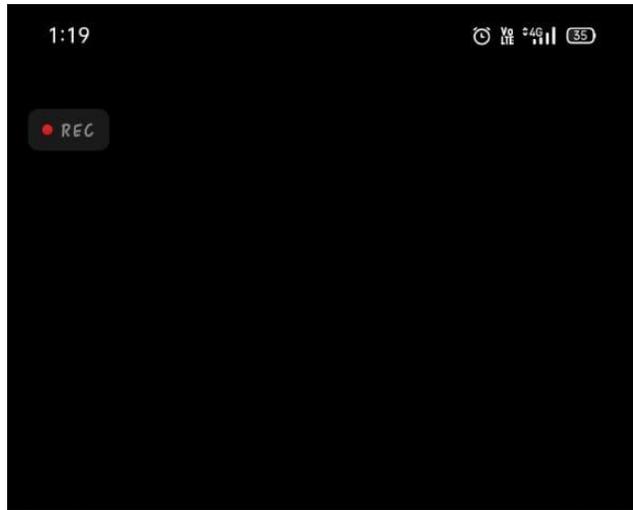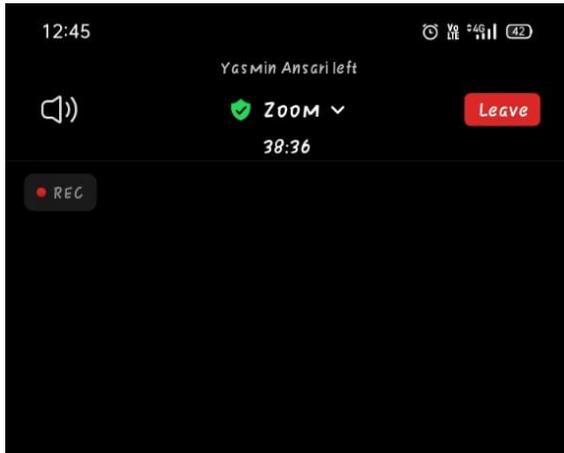
Screenshots of the webinar presentation on Zoom app
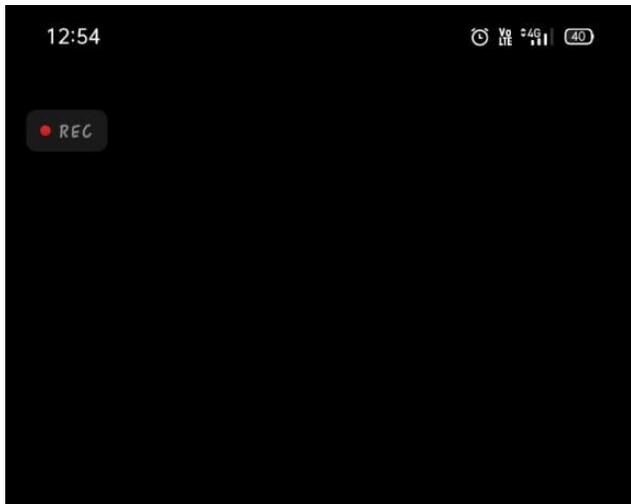
DATA SCIENCE APPLICATIONS

- Internet search engines
- Speech recognition
- Recommender systems
- Self-drive cars
- Image recognition
- Comparative analysis of price
- Fraud and risk detection
- Robotics

What is Data Science?

Data Science is the mining and analysis of relevant information from data to solve analytically complicated problems. It is most widely used technique amongst Artificial Intelligence and Machine Learning.

Abhishek Pal's screen
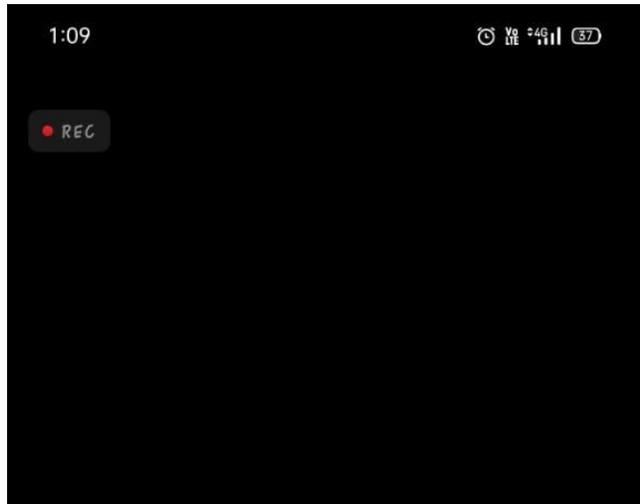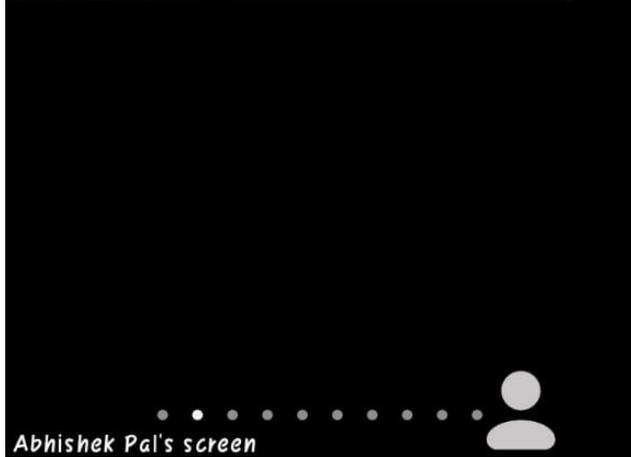
Industry demands

India will need nine times as many digitally skilled people by 2025: report
Updated: 25 Feb 2021

JOBS

- Data Engineer
- Cloud Engineer
- Data Analyst
- Big Data Engineer
- Visualization Developer
- AI/ML Developer
- Data Scientist

With the advent of data-driven decisions, there is a need of suitable human resources to design and execute the solutions.
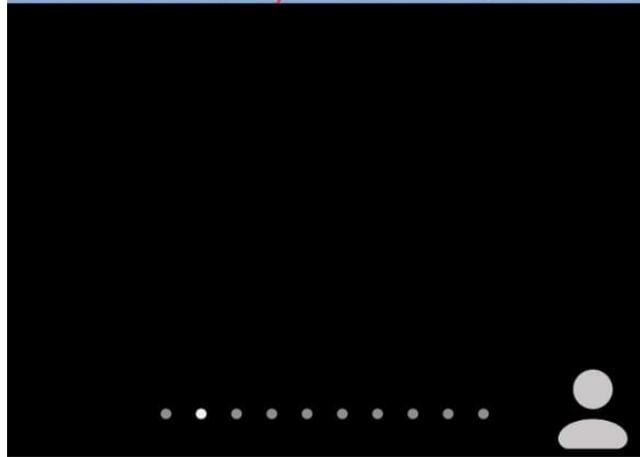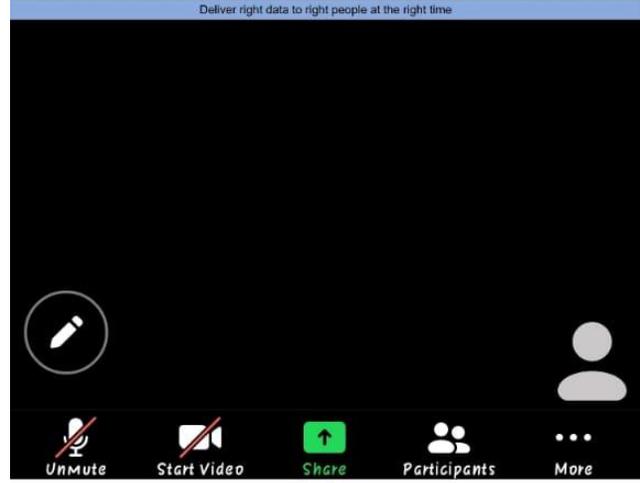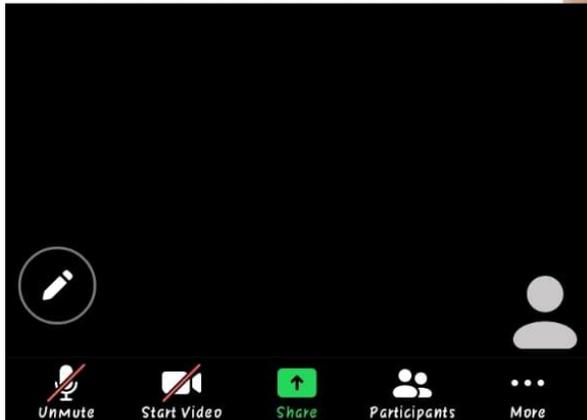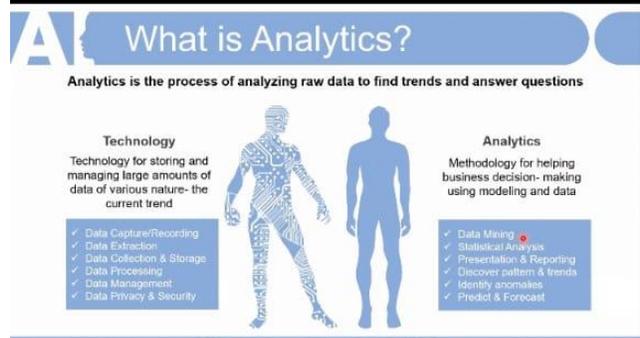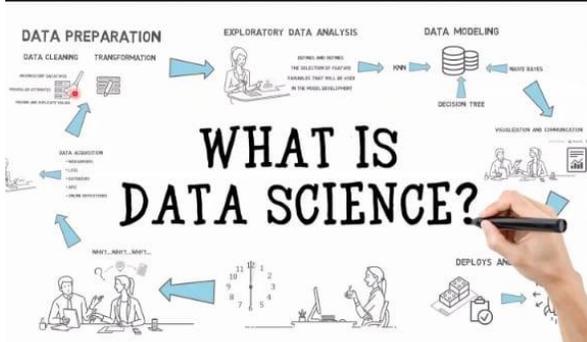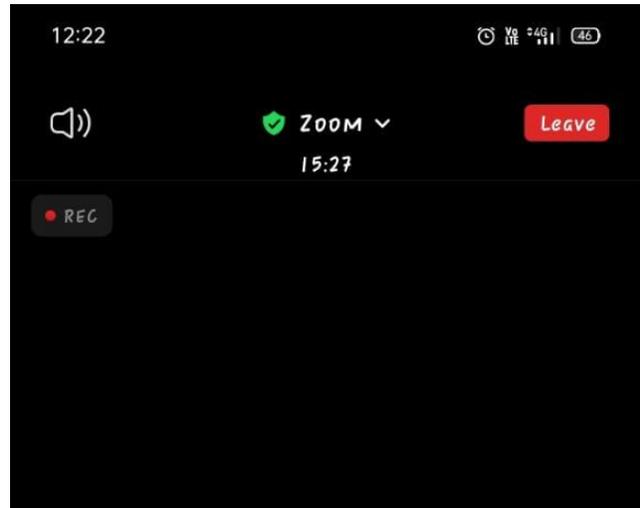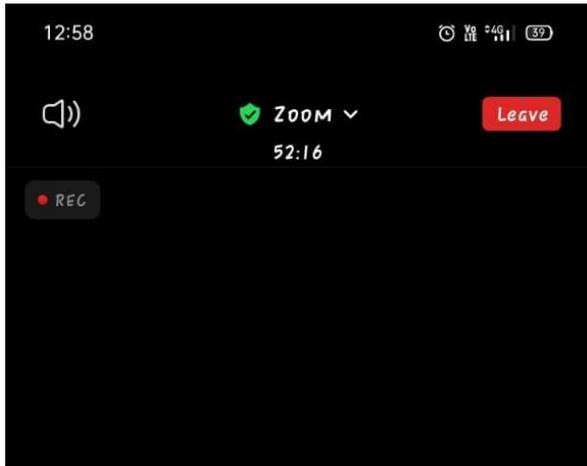
Screenshots of the webinar presentation on Zoom app

Key Takeaways and Learning's from the Webinar

- It has been estimated that data is expected to grow up to 50 times by 2020. Companies have to stay updated with the requirements of huge volumes of data so that they don't become obsolete.

- Analytics will play an important role in data security. Analytics are already transforming differential privacy, intrusion detection, digital watermarking and malware countermeasures.

- The scope of data analytics In India includes companies in policing, banking, healthcare, fraud detection, e-commerce, energy, telecommunications, and risk management.

- JPMorgan, Accenture, Microsoft, Adobe, Flipkart, AIG, Ernst & Young, Wipro, Vodafone & Deloitte are the organizations that had the greatest number of openings for data analysts last year.

- As companies are becoming more tech-driven and fast-paced now, data analysis professional are already playing an increasingly crucial role in businesses. Both startups and tech giants in India are adding data analysts to their workforce who are able of recording, analyzing and dissecting data to drive efficient decision-making.