DEPARTMENT OF STATISTICS

FACULTY OF MATHEMATICAL SCIENCES

UNIVERSITY OF DELHI, DELHI-110007

EMPOWERING WELLNESS AND WEALTH: THE AI REVOLUTION IN BANKING AND HEALTH CARE

Date: **10th March, 2024**
Location: Webinar

ABOUT THE SPEAKER:

Lokesh Sharma has close to six years of expertise in Advanced Analytics, Data Science, and Risk Management. He currently holds the position of Manager as a Data Scientist at the Reserve Bank of India, and has previously held roles at American Express, United Health Group, and EXL. He possesses a wealth of knowledge in model risk management, marketing analytics, and data science. He has overseen credit risk portfolios for a major U.S. bank and spearheaded the creation of machine learning solutions to enhance customer interaction and streamline communication platforms.

INTRODUCTION:

Credence, the Placement Cell of the Department of Statistics at the University of Delhi, recently wrapped up another enlightening session of its flagship series, "Alum Connect" featuring esteemed alumnus Mr. Lokesh Sharma, currently a Data Scientist at RBI. A graduate of the 2016–18 batch, his journey in the field of data science has been nothing short of remarkable, having previously held roles at Optum, American Express, and EXL Services.

Under the theme "Empowering Wellness and Wealth: The AI Revolution in Banking and Health," He delved into various topics, including Machine Learning, AI, software applications in the financial sector at the central level, Clustering Algorithms, NLP, Logistic Regression, Fraud Detection Techniques, and the intersection of AI in the Health sector. Additionally, he provided valuable insights into the RBI Grade B exam, also sharing details about upcoming internship and training programmes tailored for students interested in the field of data science.

KEY TAKEAWAYS:

He highlighted the importance of Machine learning, NLP, and AI in Banking and Health Sectors. We got to know that these technologies are vital in finance for risk assessment, algorithmic trading, and personalized services. In healthcare, they aid disease diagnosis, drug discovery, and patient care. These technologies analyze data, predict trends, and improve decision-making, efficiency, and outcomes in both sectors, benefiting stakeholders.

ENTHUSIASTIC PARTICIPATION:

Participants had the opportunity to seek clarification, share their perspectives, and delve deeper into specific aspects of machine learning and deep learning. Mr Sharma inspired and guided our students on their career paths.

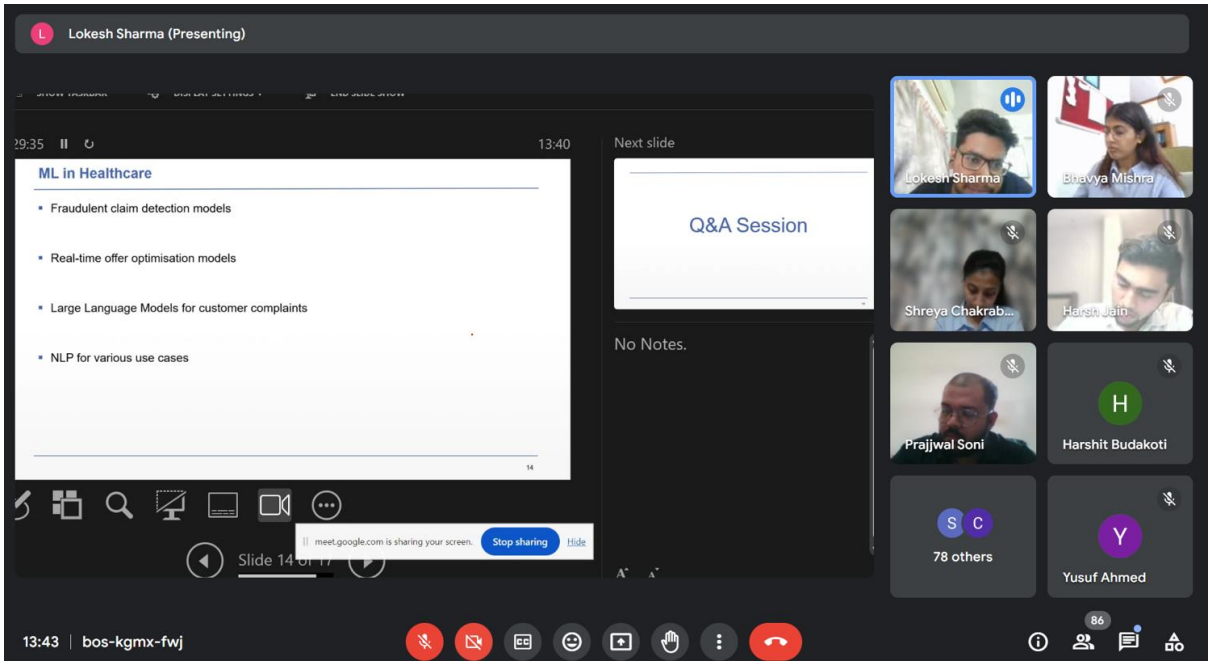
IMPACT:

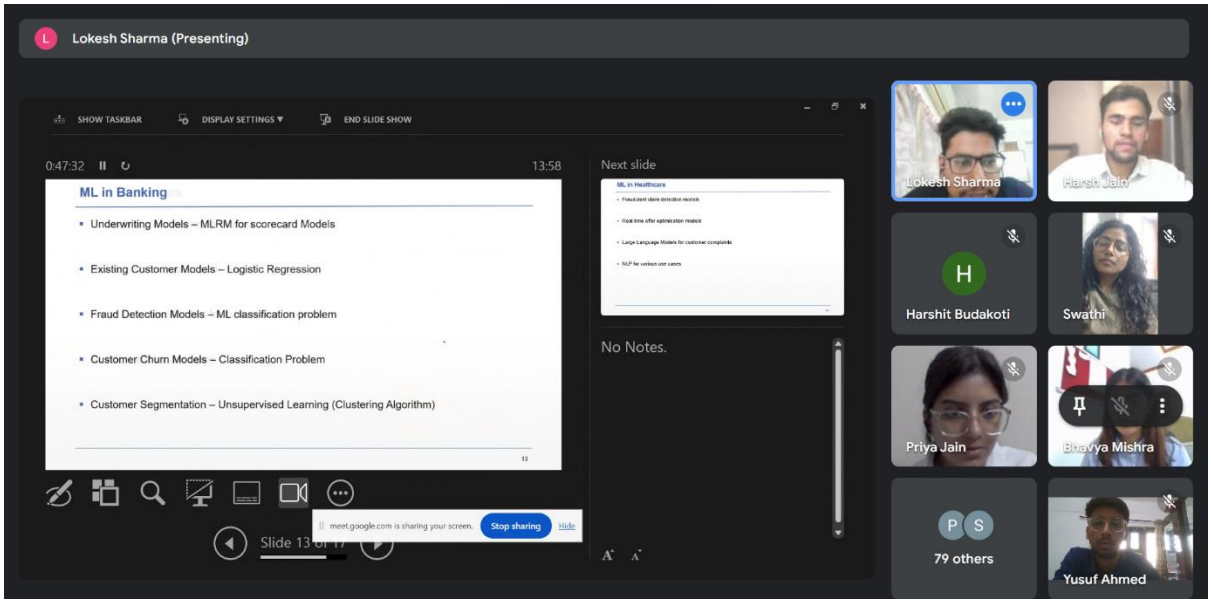
1. Realizing the importance of implementing Machine Learning (ML) and Artificial Intelligence (AI) in banking sector to do customer segregation, detecting fraud, handling customer complains etc.

2. In healthcare, they aid disease diagnosis, drug discovery, and patient care using AI and ML. These technologies analyze data, predict trends, and improve decision-making and efficiency,

CONCLUSION:

The session organized by Credence - The Placement Cell, Department of Statistics at the University of Delhi successfully achieved its objective of providing students with valuable information about AI, ML and NLP and transformations in the field of bank and health using modern technologies.




Lokesh Sharma (Presenting)
SHOW TASKBAR
DISPLAY SETTINGS
END SLIDE SHOW
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13:58
ML in Banking
Underwriting Models – MLRM for scorecard Models
Existing Customer Models – Logistic Regression
Fraud Detection Models – ML classification problem
Customer Churn Models – Classification Problem
Customer Segmentation – Unsupervised Learning (Clustering Algorithm)
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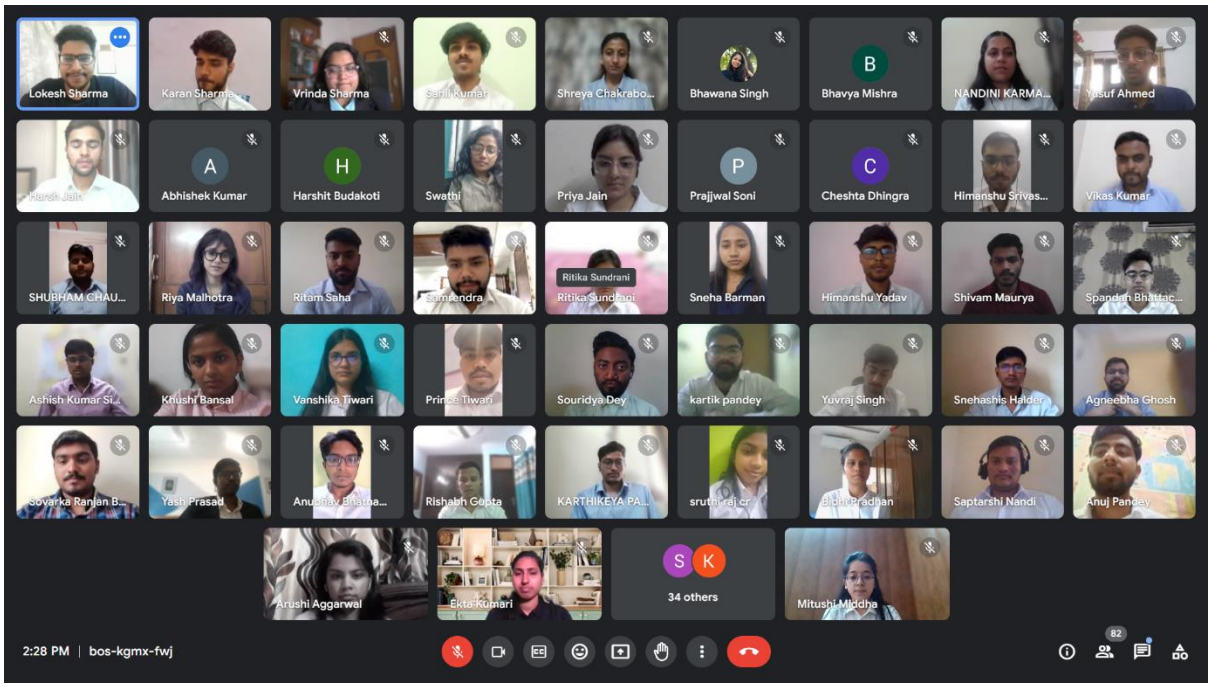
Slide 13 of 17
Lokesh Sharma
Harsh Jain
Harshit Budakoti
Swathi
Priya Jain
Bhavya Mishra
79 others
Yusuf Ahmed


Lokesh Sharma
Karan Sharma
Vrinda Sharma
Sunil Kumar
Shreya Chakrabo...
Bhawana Singh
Bhavya Mishra
NANDINI KARMA...
Yusuf Ahmed
Harsh Jain
Abhishek Kumar
Harshit Budakoti
Swathi
Priya Jain
Prajjwal Soni
Cheshta Dhingra
Himanshu Srivas...
Vikas Kumar
SHUBHAM CHAU...
Riya Malhotra
Ritam Saha
Sumendra
Ritika Sundrani
Sneha Barman
Himanshu Yadav
Shivam Maurya
Spandan Bhattac...
Ashish Kumar Si...
Khushi Bansal
Vanshika Tiwari
Prince Tiwari
Souridya Dey
kartik pandey
Yuvraj Singh
Snehashis Halder
Agneebha Ghosh
Sovarka Ranjan B...
Yash Prasad
Anushav Bhatna...
Rishabh Gupta
KARTHIKEYA PA...
Bidit Pradhan
Saptarshi Nandi
Anuj Pandey
Arushi Aggarwal
Ekta Kumari
34 others
Mitushi Middha
2:28 PM | bos-kgmx-fwj