

Department of Data Sciences and Analytics

The Department of Data Sciences and Analytics at Ramaiah University of Applied Sciences (RUAS) specializes in data science, AI, and machine learning. The department focuses on research and practical applications across sectors like healthcare and finance, preparing students with the skills needed for data-driven industries.

Contact Us

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Workshop Overview:

The Department of Data Sciences and Analytics is organizing a one-day workshop on "Real-World Applications of Machine Learning in Finance and Risk Management". This event aims to provide insights into how machine learning is transforming the finance sector by enhancing decision-making, managing risk, and improving efficiency. It is designed for students and faculty eager to explore practical applications of AI in finance.

Session Objective:

This workshop will cover practical applications of machine learning in finance, focusing on:

- Investment Management: Optimizing portfolios and financial forecasting.
- Fraud Detection: Case studies on detecting fraud using advanced ML models.
- Risk Management: Techniques for identifying and mitigating risks with AI.

By the end, participants will:

- Understand key industry trends in finance and risk management.
- Gain hands-on experience with machine learning tools.
- Develop skills to apply AI in real-world financial scenarios.



Department of Data Sciences and Analytics

Real-World Applications of Machine Learning in Finance and Risk Management: Insights from Industry Experts to Transform Theory into Practice

26th November 2024, 9:30 AM - 5:00 PM"

Organized by: "Department of Data Sciences and Analytics"

Venue: "M S Ramaiah Memorial Hospital Auditorium"

Workshop Itinerary

9:30:00 AM - 10:00 AM: Registration

10:00 AM - 10:15 AM: Welcome Address

10:15 AM - 11:30 AM:

Session 1 – "Introduction to Financial risk management / regulators"

11:30 AM - 12:30 PM:

Session 2 – "Introduction to ML / Statistical techniques used in Banks"

12:30 PM - 1:30 PM: Lunch Break

1:30 PM - 3:00 PM:

Session 3 – "Building Predictive Models"

3:00 PM - 4:00 PM: Panel Discussion with Experts

4:00 PM - 4:30 PM: Q&A and Networking

4:30 PM - 4:40 PM: Vote of Thanks

4:40 PM - 4:50 PM: Program Highlights and Takeaways

Resource Persons



Om Prakash Bhardwaj

is Senior Assistant Vice President at Wells Fargo with over 8 years of experience in predictive modeling and risk management. He has worked at KPMG, Citi, and eClerx, with expertise in statistics, econometrics, and tools like R, Python, and SAS.



Sakshi

is a Senior Consultant at Ernst & Young with a strong background in finance and economic analysis. She has previously worked at Citigroup and specializes in data modeling, using tools like SAS, R, and Python.