

# Applications of Artificial Intelligence in the Banking Industry with a Focus on Fraud Detection

## Speaker



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## Abstract

Artificial Intelligence (AI) is rapidly transforming the banking industry, revolutionizing how institutions manage risk, serve customers, and optimize operations. From customer service automation and credit scoring to personalized financial products and advanced data analytics, AI is driving innovation across the financial sector. In this seminar, we will explore the diverse applications of AI in banking, with a special focus on one of the most critical and high-impact use cases: fraud detection. Through a practical real-world example, we will demonstrate how machine learning models are being used to identify suspicious accounts and abnormal transactions, helping financial institutions significantly reduce operational and financial risks. This session offers valuable insights into how AI is being leveraged to combat fraud in today's fast-evolving digital banking landscape.

## Key Information

- **Date and Time:** 28 April 2025, 11:20
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**Organized by: University of  
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