

2nd International Conference on Computing and Machine Learning (CML 2025)

Mr. Varun Pandey

Talk Title:

The Impact of AI in Financial Industry

Abstract / Profile:

Abstract: Artificial Intelligence (AI) is fundamentally reshaping the financial industry, driving unprecedented efficiency, innovation, and risk mitigation. From hyper-personalized customer experiences to advanced fraud detection, AI is revolutionizing banking, trading, payments, and regulatory compliance. Machine learning models are enabling real-time credit scoring, predictive analytics are optimizing investment strategies, and intelligent automation is streamlining operations—reducing costs while enhancing accuracy. AI-powered risk management tools now detect fraudulent transactions within milliseconds, while natural language processing (NLP) and chatbots enhance customer engagement. However, challenges such as ethical AI use, data privacy, and regulatory adaptation remain critical. As AI continues to evolve, its synergy with open banking, blockchain will redefine the financial landscape, fostering greater accessibility, security, and efficiency.