

Building a quantitative trading system and AI model to explore strategies in the Vietnamese financial market.

Bui Quang Vinh

Abstract: In the context of Vietnam's increasingly developing financial market, the issue of quantitative trading and using artificial intelligence (AI) to build investment strategies has become urgent. This topic focuses on both theoretical and experimental research to develop a quantitative trading system based on AI models, aiming to optimize profits and minimize risks for investors. The research methodology includes machine learning and big data analysis, combined with practical application deployment in the Vietnamese financial market. The topic aims to contribute to the development of the quantitative finance industry in Vietnam through specific research results and applications.

Keywords: Quantitative trading, AI models, investment strategies, financial markets, machine learning