A Review of the Impact of Artificial Intelligence on Decision Making Processes in Stock Valuation

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Abstract: *The role of artificial intelligence (AI) in stock market decision-making has gained substantial attention in recent years. AI-driven technologies have revolutionized how financial markets are analyzed, offering new insights into the behavior of stocks and financial instruments. AI models, such as machine learning algorithms and deep learning techniques, allow for the extraction of complex patterns and trends from vast amounts of market data. These models help investors, traders, and financial analysts make informed decisions based on predictive analytics and real-time information. This paper explores the impact of AI on decision- making processes in stock markets, focusing on how these systems are enhancing trading strategies, risk management, and market forecasting.*