

Building a smart Chatbot application for stock market analysis and prediction

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Abstract: The thesis researches and deploys a tool to support stock investors through a conversational interface. The system combines Natural Language Processing (NLP) capabilities to understand economic queries and uses machine learning models (such as LSTM) to analyze historical data and forecast stock price trends. The chatbot provides technical analysis reports and real-time market alerts.

Keywords: Chatbot, Securities, Data Analysis, Market Forecasting

References

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