

# Stock Market Social Media Platform

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**Abstract:** *Social media platforms have become increasingly popular in the financial world as a means for individuals to share information about their portfolio and investment strategies. In recent years, the integration of deep learning algorithms that are namely recurrent neural networks (RNNs) and long short-term memory (LSTM) networks has opened up new possibilities for using social media data to predict stock prices. This abstract aims to provide an overview of the use of RNNs and LSTMs for stock prediction using social media data. Social media platforms offer a vast amount of data that can be used to perform analysis of stock prices. This includes data about individual stocks, news articles, and sentiment analysis of social media posts. With the help of RNNs and LSTMs, this data can be processed to make accurate predictions about the future performance of individual stocks. The use of social media platforms for stock prediction has several advantages. For example, the vast amount of data available on social media platforms allows for a more comprehensive understanding of market sentiment and the impact of external factors on stock prices. Additionally, the ability to share portfolios and investment strategies with other users provides a unique opportunity for collaborative analysis and insight.*

**Keywords:** Social media, portfolios, stocks, RNN, LSTM, Stock prediction