Submission Summary

Conference Name

2025 2nd International Conference on Computing and Data Science (ICCDS)

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282

Paper Title

ADVANCED MODEL FOR STOCK PRICE FORECASTING WITH ENHANCED FEATURE ENGINEERING AND ADAPTIVE PARAMETER TUNING

Abstract

The economy depends heavily on the stock market in capital market that can promote better and faster economic development, optimize asset allocation and stimulate capital flow. The stock market is a great place for investors to make investments as well as a center for government regulation of economic trends. The government is always alert of economic catastrophes, and investors are more concerned with maximizing returns while minimizing risks. By adding a number of significant improvements, this study suggests a new framework for predicting stock prices that expand on current models. The suggested model will capture intricate temporal correlations in stock price data by leveraging cutting-edge deep learning architectures, such as Transformer networks or more complex LSTM variations.

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Submission Files

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