STOCK PRICE PREDICTION

DOMAIN: DEEP LEARNING (STACKED LSTM).

In the present day, the stock market is one of the means for increasing a person's financial growth; it is a significant profession or process to raise his or their income. So what is a stock market? It is an aggregation of buyers and sellers to stocks that represent the ownership of businesses. The stock market may consist of securities listed on the public stock exchange and the stocks traded privately that are shared by private companies like Amazon, Reliance, and so on and so more. Our main aim is to predict the value of the share or stock of a specific company in the coming future. We take the help of Deep Learning to forecast the values of the stocks under deep learning; we use Stacked LSTM, where LSTM stands for Long Short-Term Memory algorithm here, we take the past data of a particular company and apply the deep learning model to it inorder to forecast the values of the stocks. With the help of the forecasted results, the end-user can sell or buy their stocks which get them profits. Finally, we will compare the above model with two other models and extract the final results.

Keywords: Stock market, Deep learning, Forecast, Stacked LSTM, Deep learning, Forecast, Model, Aggregation.

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