

Stock market prediction is an act of trying to determine the future value of a stock. And this prediction is used for comparison with the company's market value and finding out whether the company is undervalued on the stock market or not. Our motive of the project is to improve the learning algorithm to increase the accuracy of the stock price prediction.

The stock market is an essential component of the nation's economy, where most of the capital is exchanged around the world. Therefore, the stock market's performance has a significant influence on the national economy. It plays a crucial role in attracting and directing the distributed liquidity and savings into optimal paths. So, it is unprecedentedly important to predict the market concerning the market of Bangladesh as well as the world market. The stock index price prediction has always been one of the most challenging tasks for people who work in the financial field and other related scales due to the volatility and noise features. So, if we can make a machine learning algorithm that can predict the stock prices, then it would be highly beneficial for them who are connected in this sector.

I would like contribute in every possible way that can be contributed. I would like to help in developing the algorithm and will contribute in reporting stuffs.

As in this pandemic situation we have to communicate with our group members through online, so I think this project would take us at least 6-7 weeks to complete.