MINI PROJECT ON STOCK MARKET PREDICTION

REPORT FOR REVIEW 1

1. NEED ANALYSIS
2. To predict the trend of the market.
3. For helping in Investment decision.
4. Can be used for making profits.
5. PROJECT ROADMAP
6. Basic understanding of stock market
7. Clearing theoretical concepts, eg: RNN, LSTM etc.
8. Getting data from a reliable source and evaluating it
9. Making a machine learning model and fitting data into it
10. Predicting the result and checking the accuracy
11. LITERATURE REVIEW
12. Studied some articles on LSTM, RNN etc.

<https://colah.github.io/posts/2015-08-Understanding-LSTMs/>

<https://machinelearningmastery.com/time-series-forecasting-long-short-term-memory-network-python/>

1. Referred to github repositories for better understanding.

<https://github.com/kartik-joshi/Stock-predection>

1. IDENTIFICATION OF STEPS FOR IMPLEMENTATION
2. Collecting data from open source without having copyright issues.
3. Data Pre-processing (Making data in ready to use condition).
4. Splitting the data into training and testing datasets.
5. Making a LSTM machine learning model.
6. Training the model with the training data.
7. Predicting the output using the test data.
8. Comparing the result.
9. Checking the accuracy of the model.
10. UNDERSTANDING OF PROFESSIONAL ETHICS COPYRIGHT AND PLGIARISM
11. COPYRIGHT

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