MINI PROJECT ON STOCK MARKET PREDICTION

REPORT FOR REVIEW 1

1. NEED ANALYSIS

    a. To predict the trend of the market.
    b. For helping in Investment decision.
    c. Can be used for making profits.

2. PROJECT ROADMAP

    a. Basic understanding of stock market
    b. Clearing theoretical concepts, eg: RNN, LSTM etc.
    c. Getting data from a reliable source and evaluating it
    d. Making a machine learning model and fitting data into it
    e. Predicting the result and checking the accuracy

3. LITERATURE REVIEW

    a. 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/

    b. Referred to github repositories for better understanding.
        https://github.com/kartik-joshi/Stock-predection

4. IDENTIFICATION OF STEPS FOR IMPLEMENTATION

    a. Collecting data from open source without having copyright issues.
    b. Data Pre-processing (Making data in ready to use condition).
    c. Splitting the data into training and testing datasets.

d. Making a LSTM machine learning model.
e. Training the model with the training data.
f. Predicting the output using the test data.
g. Comparing the result.
h. Checking the accuracy of the model.

5. UNDERSTANDING OF PROFESSIONAL ETHICS COPYRIGHT AND PLGIARISM

a. COPYRIGHT
Copyright refers to the legal right of the owner of intellectual property.
In simpler terms, copyright is the right to copy. This means that the original creators of products and anyone they give authorization to are the only ones with the exclusive right to reproduce the work.

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