Project Proposal

A) Document history:

Date	Version	Description	Remarks
8/16/2020	1.0	1st draft	Ready for mentor review

B) Proposal: **Stock Market prediction**

- Problem:

Covid -19 has impacted the stock market hugely. The market stability is volatile and many markets like airlines, hotel business are suffering due to the current situation.

- Model Idea:

    The Stock Market is being affected by Covid 19 like other areas of economics.
    Based on prediction that the market is going to be volatile in next 2 years, we are trying to predict
    1)stock price/day for next month based on previous data
    2)Investment profile prediction based on 10 stocks:
        a) High risk
        b) Moderate risk
        c) Low risk

- Application:

Stock market is never predictable accurately. So this project is for study purposes and must not be taken as ultimate to invest.

- Advantages:

    a) Kaggle dataset available
    b) Code available online
    c) I have some interest in this field, so taking this opportunity to learn better.

- Challenges:

    This is going to be my final project, I need to try different models apart from what I learnt from course to predict the most accuracy.

- Dataset:

    Available.
    https://www.kaggle.com/rohanrao/nifty50-stock-market-data

C) Mentor comment: