**Project Proposal**

**Project Title: Stock Market Prediction**

**Team Information**:

# of team members: 1

Name of team member/s:

1. Harsh Sharma

**Description:**

Predicting stock prices accurately is a challenging task but holds significant value for investors, traders, and financial institutions. The project’s aim is to develop a robust regression-based model for stock market prediction, using historical stock data and relevant market indicators. The objectives are as follows:

* Build a regression model to predict future stock prices based on historical data.
* Evaluate the performance and accuracy of the developed model using appropriate evaluation metrics
* Provide insights and recommendations for investors and traders based on the predicted stock prices.

**Dataset:**

I’m using NASDAQ dataset which is available publicly. The NASDAQ contains details like opening price, trade volume, closing price, etc., for various stocks including S&P 500 which I’ll be using for training the model. And also to test the model by predicting the values and tallying them with actual values.