**Analysing and Forecasting stock prices**

Equity investing is a very key component in an investor’s portfolio. Stock markets are unpredictable as the fluctuations in the prices over time depend on several factors. As a result, inexperienced investors face lot of challenges to determine the right stock to invest.

The motivation for this project is to help users make better decisions when trading stocks by building a machine learning model for:

* Predicting stock prices
* Identifying undervalued and overvalued stocks
* Classifying Top 3 performing industries.

For the purpose of this project **“New York Stock Exchange”** dataset provided by Kaggle will be used to train and test the model. The dataset is labelled, and I will be applying supervised machine learning **“Classification and Regression”** techniques to analyse the stock price and identify ideal stocks to invest.

I will be using **“Python”** (along with required libraries) and will use Anaconda environment for my coding.