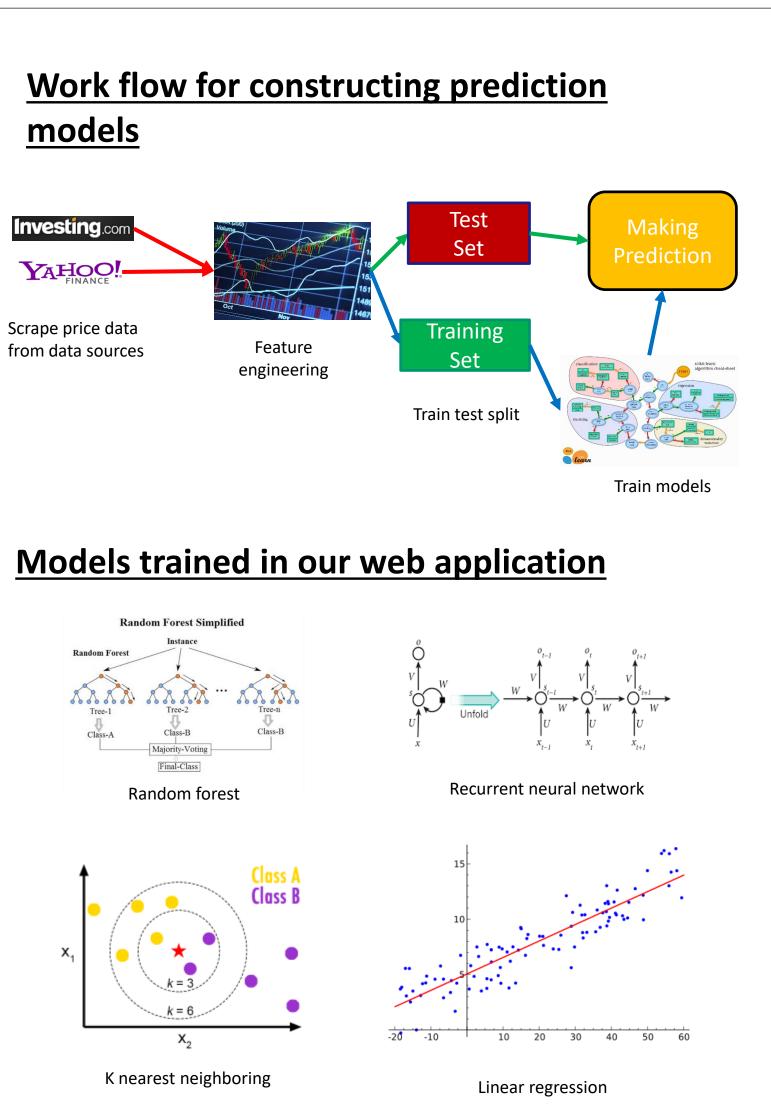


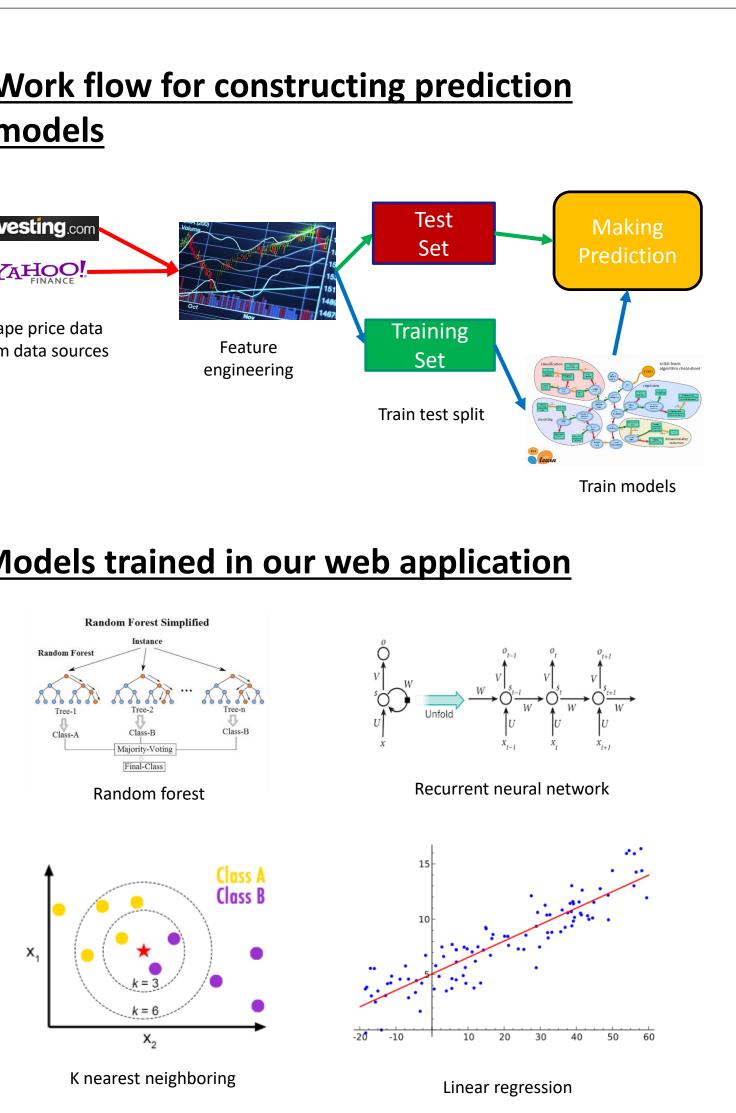
Introduction:

A web application for predicting the short term prices and the long term price trends of various forexes and stocks has been developed in this project, which the historical prices and various statistical indicators have been utilized to train several supervised machine learning models to produce predictions on latest available price data.

Objectives:

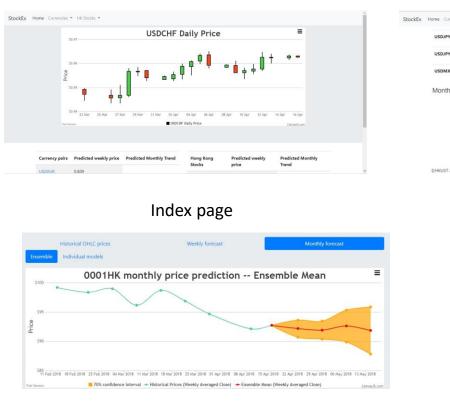
- 1. Build an online system to predict the long-term rise/fall trend and short-term prices of various most traded forex and stock, based on statistical indicators.
- 2. Build a user-friendly web application that allows users to view prediction results and visualize the trends via charts.
- 3. Provide the 70% confidence interval of short term price predictions and the probability of prediction confidence for long term price trend prediction.





Web Application for Real-time Forex Rate and Stock Price Prediction

Ho Cheuk Yin, Wong Hoi Ming Supervisor: Professor David Rossiter



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