1.Problem Statement (what do you plan to work on)

* **Financial Forecasting Using Neural Networks**
* The Efficient Market Hypothesis evolved in the 1960s from a Ph.D. dissertation. An argument that in an active market that includes many well-informed and intelligent investors, securities will be appropriately priced and reflect all available resources.
* The random walk theory asserts that price movements will not follow any patterns or trends and that past price movements cannot be used to predict future price movements

2.Potential Audience (who may use your result)

* Anyone interested in finance

3.Goals (what may come out of your work)

* The goal is to hopefully be able to predict

4.Success Metrics ( How do we know it works/improves)

* Success would be a model result over 70%
* Success rate of a predictor indicates how often the sign of the daily return is correctly predicted. It is computed as the ratio between the number of correct non-zero predictions and the total number of zero moves in the stock time series

5.Data Source(s):source, format, and necessary action items to obtain or access them

* Data sourced from yahoo finance in the form .csv

6.Risks (mention any uncertainty that may be a challenge for your to complete your project)