Capstone Project -2 Proposal

1. What is the problem you want to solve?

*Try to develop a model that can beat market and allow you to make statistically informed trades*

1. Who is your client and why do they care about this problem? In other words, what will your client DO or DECIDE based on your analysis that they wouldn’t have otherwise?

*The client can be anyone interested in stock markets. This will help them making timely wise decisions.*

1. What data are you going to use for this? How will you acquire this data?

*I am going to use historical stocks dataset available on Kaggle.com. The data is for 5 years starting Feb’2013.*

***Dataset Columns****:*

*date*

*open*

*high*

*low*

*close*

*volume*

*Name*

1. In brief, outline your approach to solving this problem (knowing that this might change later).

*I read about Facebook's library PROPHET for time series forecasting. I probably will use this library for doing forecasting on some individual stocks data available.*

*It will start with cleaning and wrangling of data in a suitable format that can be further utilized for multiple visualizations and analysis. Time series forecasting will be used to finally make a predictive model.*

1. What are your deliverables? Typically, this would include code, along with a paper and/or a slide deck.

*Code and a ppt presentation.*