**Meeting Minutes – Captone Project – Stock Forecast**

**Location:** Zoom meeting

**Date:** September 8, 2023

**Time:** 8 am to 9 am

**Attendance:**

* Albert Wong
* Yew-Wei Lim
* Diana Ortiz
* Andrés Viloria

**Discussion:**

The purpose of this meeting is to get an introduction of the project in which the following topics were mentioned:

* The importance of historical data in understanding the stock market and making investment decisions.
* Various stock market proxies were mentioned, including the Dow Jones Industrial Average, Nasdaq Composite Index, and S&P 500, as tools to measure the movement of the stock market.
* The impact of interest rates on the stock market was highlighted, with a consensus that when interest rates rise, the stock market tends to decline.
* Borrowing rates and investor behavior were identified as additional factors influencing stock market movements.
* Inflation was recognized as an important consideration, and it was noted that it is usually inversely related to interest rates.
* The measurement of inflation was discussed, along with the role of oil and gold prices as proxies for inflation.
* The industry and size of a company were recognized as key factors affecting stock prices and volatility.
* The need for accurate and accessible data for professional investors was emphasized, along with the importance of business intelligence (BI) tools to analyze and understand the data.
* The potential for forecasting stock market trends was discussed, highlighting the usefulness of accurate forecasts for investors.
* A combination of machine learning and statistical methodology was mentioned as an effective approach to forecasting.



**Action Items:**

• Revise the code and material in the Dropbox.

• Have meeting with Gurbir to discuss the status quo.

• Get familiar with the project and what it has been done in the previous captone projects.