

## Final Project Guide

- In this project you are expected to formulate an assumption and decide on the data that is needed for the analysis of your assumption.
- You will need to indicate the sources of your data and the process that you have found and downloaded them. This part plays an important role in the assessment of your project.
- After the data gathering, you will perform an analysis on the data to evaluate your assumption. This can be as simple as a linear regression or more evolved as time series and ML models.
- At last you will show a summary of your results as tables, plots, etc.

### Structure

- The number of pages of your report do not matter. It can range from 2 pages to 20 pages, as long as what you have written makes sense and you have used the right data to obtain your results.

### Ideas

- VIX Forecasting Using Long Short-Term Memory (LSTM)
- Ruble-U.S. Dollar exchange rate relationship to price of oil
- Correlation between S&P500 and Amazon equity price
- Regression with GSPC and AAPL
- Discounted Cash Flows Model using (Income Statement, Balance Sheet, and Statement of Cash Flows)
- Performance summary of various stocks
- Some other relevant regression

**IMPORTANT:** You must at use at least Bloomberg or a WRDS database for your project. You are allowed to use free data sources like Google or Yahoo finance but only as supportive or complementary data.