Project 2 Proposal

Stock Analytics

Develop and interactive dashboard with data tables, charts and predictive indicators, based on a merged database of S & P 500 stocks, the S&P 500 is often used as a proxy for the U.S. stock market.

Dataset 1: 4,000+ company records for 2014-2018 with different financial measures.

<https://www.kaggle.com/cnic92/200-financial-indicators-of-us-stocks-20142018>

Dataset 2: 8,000+ individuals stock data from 2014-2018 daily data

<https://www.kaggle.com/qks1lver/amex-nyse-nasdaq-stock-histories>

Dataset3: 2019 List of All S&P 500 Stocks & Companies

<https://datahub.io/core/s-and-p-500-companies#readme>

Use S&P 500 companies and analyze the 2018 financial indicator of top 5 companies for each sector to limit user’s search selection. We have 11 sectors. Total companies = 55.

Using dataset 1, we will extract the 55 companies. We will limit the financial measure for each company. Our dashboard will compare against industry competitors.

