Data Visualization documentation

8/11/16:

Filename – matplot\_FYFQ\_industry.py

* Using a sample csv file from termResults, the data was read and converted into a dataframe using pandas.
* Using pandas , created separate column for industry and sorted by industry.
* Using pandas, wrote script to calculate mean, variance and SD for an industry.
* Using pandas, merged FY and FQ and assigned numerical value to each FYFQ
* Created sample histogram plots using this data.
* Also plotted FYFQ against values for different industries. Output displays 24 different sup-plots.

9/11/16:

Filename – matplot\_stockSymbol\_in\_an\_industry.py

* Using a sample csv file from termResults, the data was read and converted into a dataframe using pandas.
* Created a column for FYFQ and assigned integer values for each FYFQ.
* Sorted dataframe by industry and then by stockSymbol.
* Input industry name.
* Filter document by industryname.
* Assign a dictionary and update stocksymbols.
* Plot values of stocksymbols in FYFQ.
* Plot available for each stockSymbol in an industry.
* Red color- indicates value of stock Symbol in an industry.
* Grey color- indicates cumulative value of all stocksymbols in an industry