README

Scraping Codes

Codes used for scraping data include:

- Scraping_SeekingAlpha.ipynb
- Scraping_SeekingAlpha_News.ipynb

These codes can be run independently to extract data from various websites.

Sentiment Analysis Codes

Codes used for sentiment analysis include:

- MAKE CODE INTO FUNCTIONS (Final).ipynb

The code above required processed and labelled textual datasets as inputs. You can find these datasets in the folder "Processed Datasets for Sentiment Analysis". This code will then output datasets labelled with sentiments scores.

Model Selection Codes

Codes used for model selection include:

- Feature Selection (with~collinearity).ipynb
- Model Selection.ipynb

Feature Selection (with~collinearity).ipynb requires a pre-processed dataset titled "allvariables(2).csv". This dataset can be found in the folder "Datasets for Model Selection".

Model Selection.ipynb requires a pre-processed dataset titled "full_transform_0.7.csv". This dataset can be found in the folder "Datasets for Model Selection".