

1. Steps to get data using Alchemy API:
 - a. Register on AlchemyAPI site to create a key
 - b. Provide date range, organization type and other details in order to get news articles for respective organization for that particular date range.
 - c. News articles are generated in a json file.
 - d. Module json_parser.py to extract data from json file. Fields extracted are title, timestamp, sentiment of news article.
2. Extraction Stock Prices: The RetrievePrice module has the script which retrieves stock prices over a specified time range (60 days and intra-day interval of 5 mins).
3. Once relevant data is extracted from json file and stock values for respective organization is collected, we fetch 6 stock values before the news article published time and 6 after it's published time in main.py module
4. Steps to run the project
 - Go to root folder of the project and execute the main.py
 - Output :
 - > The graphs are regression lines [news article timestamps vs stock prices]
 - > We print the impact of article on the stock price by calculating the difference in slopes of the regression lines before and after the given Article.