

RUN REQUIREMENTS:

- * this program was executed on google colab
- * the input stock keyword should exactly be same as listed on exchange.

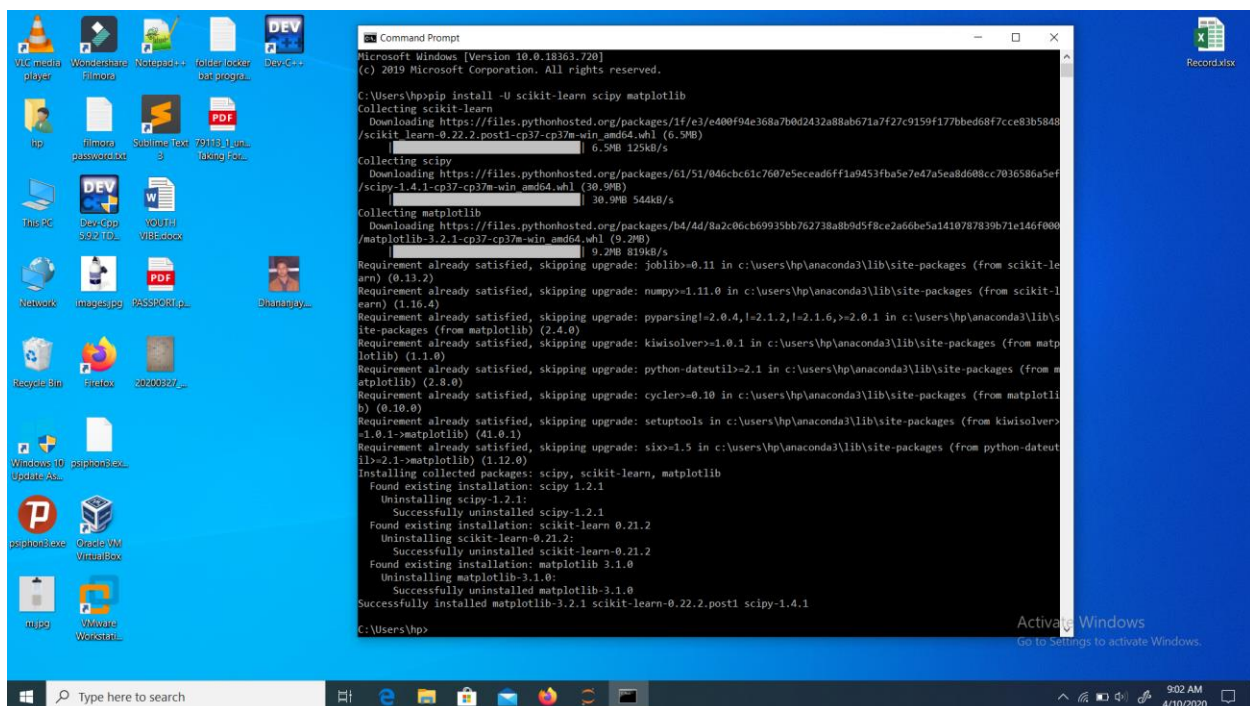
For example: google("GOOGL") , facebook("FB")

- * to run this program following packages needs to be installed first.

1. Scikit-learn

Run the following code in python platform or command prompt :

> **Pip install -U scikit-learn scipy matplotlib**



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Microsoft Windows [Version 10.0.18363.720]
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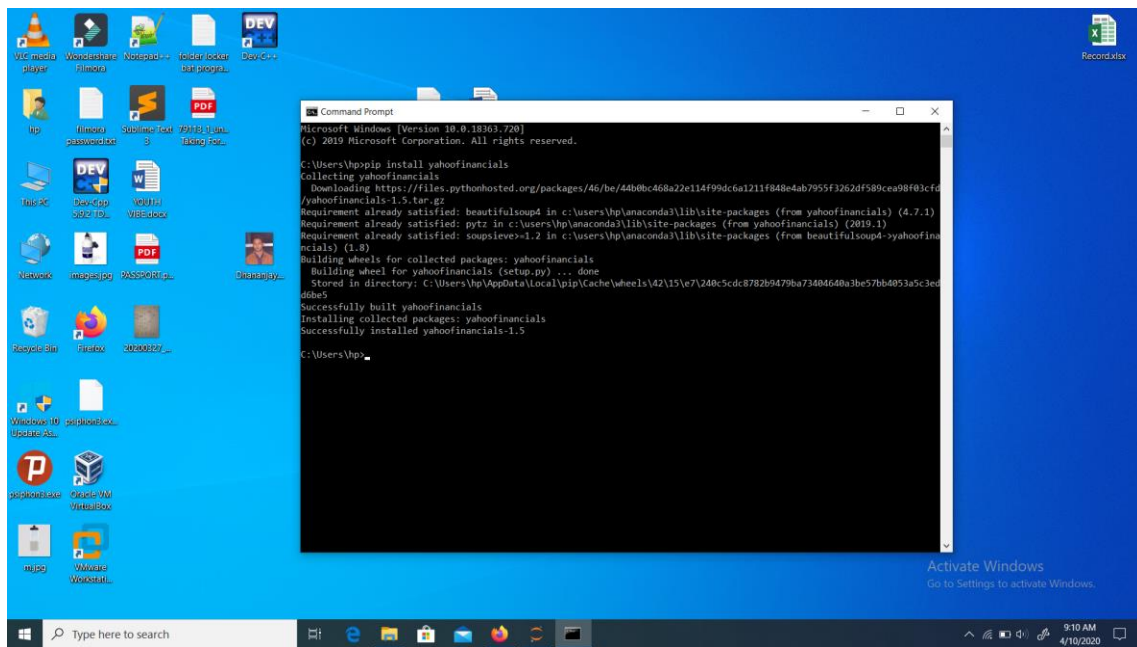
C:\Users\hp>pip install -U scikit-learn scipy matplotlib
Collecting scikit-learn
  Downloading https://files.pythonhosted.org/packages/1f/c3/e400f94e368a7b0d2432a88ab671a7f27c9159f177bbed68f7cce83b5848/scikit-learn-0.22.2.post1-cp37-cp37m-win_amd64.whl (6.5MB)
    |#####| 6.5MB 125KB/s
Collecting scipy
  Downloading https://files.pythonhosted.org/packages/61/51/0466bc61c7607e5cead6ff1a9453fba5e7e47a5ea8d608cc7036586a5ef/scipy-1.4.1-cp37-cp37m-win_amd64.whl (30.9MB)
    |#####| 30.9MB 544KB/s
Collecting matplotlib
  Downloading https://files.pythonhosted.org/packages/b4/4d/8a2c06cb69935b762738a8b9d5f8ce2a66be5a1410787839b71e146f000/matplotlib-3.2.1-cp37-cp37m-win_amd64.whl (9.2MB)
    |#####| 9.2MB 819KB/s
Requirement already satisfied, skipping upgrade: joblib>=0.11 in c:\users\hp\anaconda3\lib\site-packages (from scikit-learn) (0.13.2)
Requirement already satisfied, skipping upgrade: numpy>=1.11.0 in c:\users\hp\anaconda3\lib\site-packages (from scikit-learn) (1.16.4)
Requirement already satisfied, skipping upgrade: pyparsing>=2.0.4,!=2.1.2,!=2.1.6,>=2.0.1 in c:\users\hp\anaconda3\lib\site-packages (from matplotlib) (2.4.0)
Requirement already satisfied, skipping upgrade: kiwisolver>=1.0.1 in c:\users\hp\anaconda3\lib\site-packages (from matplotlib) (1.1.0)
Requirement already satisfied, skipping upgrade: python-dateutil>=2.1 in c:\users\hp\anaconda3\lib\site-packages (from matplotlib) (2.8.0)
Requirement already satisfied, skipping upgrade: cycler>=0.10 in c:\users\hp\anaconda3\lib\site-packages (from matplotlib) (0.10.0)
Requirement already satisfied, skipping upgrade: setuptools in c:\users\hp\anaconda3\lib\site-packages (from kiwisolver>=1.0.1->matplotlib) (41.0.1)
Requirement already satisfied, skipping upgrade: six>=1.5 in c:\users\hp\anaconda3\lib\site-packages (from python-dateutil>=2.1->matplotlib) (1.12.0)
Installing collected packages: scipy, scikit-learn, matplotlib
  Found existing installation: scipy 1.2.1
    Uninstalling scipy-1.2.1:
      Successfully uninstalled scipy-1.2.1
  Found existing installation: scikit-learn 0.21.2
    Uninstalling scikit-learn-0.21.2:
      Successfully uninstalled scikit-learn-0.21.2
  Found existing installation: matplotlib 3.1.0
    Uninstalling matplotlib-3.1.0:
      Successfully uninstalled matplotlib-3.1.0
Successfully installed matplotlib-3.2.1 scikit-learn-0.22.2.post1 scipy-1.4.1

C:\Users\hp>
```

2. yahoofinancials

run the following code in python platform or command prompt:

> **Pip install yahoofinancials**



*** other libraries are mostly installed on all the systems.**