

STEPS TO RUN DIFFERENT STOCK ANALYSIS

1. Put the large_machine.pem file into a folder
2. Now open macos/ubuntu terminal and from there go to that folder that contain large_machine.pem file
3. Now copy paste this command and run into terminal :
 - A. `chmod 400 large_machine.pem`
 - B. `ssh -i "large_machine.pem" ubuntu@ec2-3-14-249-218.us-east-2.compute.amazonaws.com`

If successful you will see screen like this :

```
Welcome to Ubuntu 18.04.5 LTS (GNU/Linux 5.4.0-1029-aws x86_64)

* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:        https://ubuntu.com/advantage

System information as of Sun Jan 31 12:26:30 UTC 2021

System load:  0.05               Users logged in:      1
Usage of /:   10.4% of 61.98GB   IP address for eth0:  172.31.4.180
Memory usage: 23%               IP address for docker0: 172.17.0.1
Swap usage:   0%                 IP address for br-1a1d7278b071: 172.18.0.1
Processes:   137

* Introducing self-healing high availability clusters in MicroK8s.
  Simple, hardened, Kubernetes for production, from RaspberryPi to DC.

  https://microk8s.io/high-availability

* Canonical Livepatch is available for installation.
  - Reduce system reboots and improve kernel security. Activate at:
    https://ubuntu.com/livepatch

0 packages can be updated.
0 of these updates are security updates.

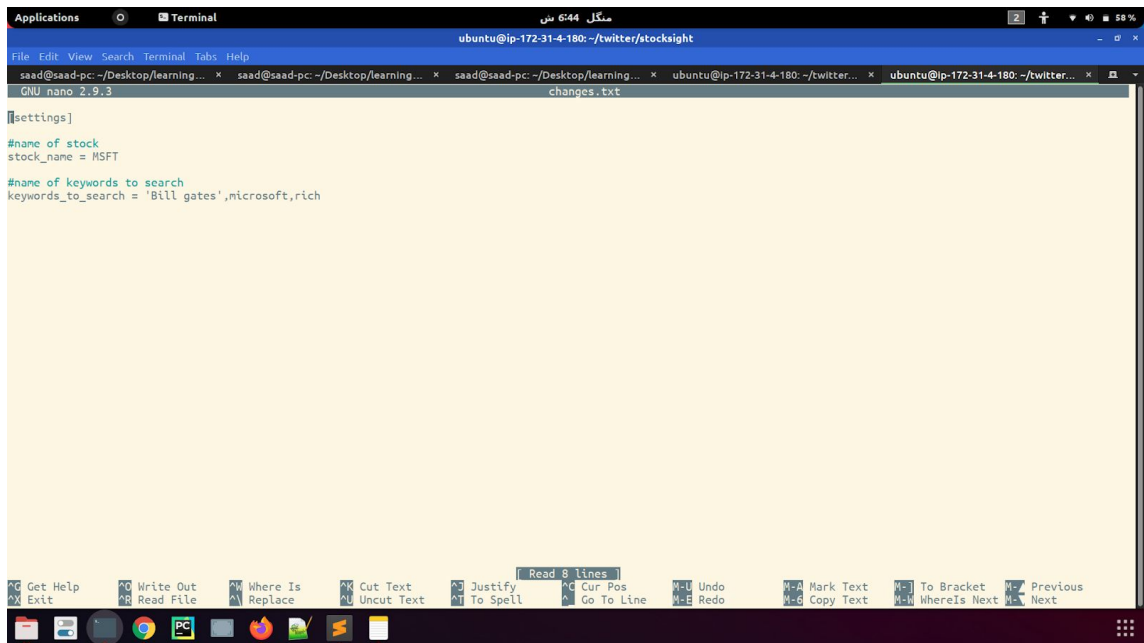
New release '20.04.1 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

*** System restart required ***
Last login: Sun Jan 31 12:07:19 2021 from 182.185.152.74
```

4. Now type these command in sequence :
 - `cd twitter/stockstight/`
 - `source ~/twitter/venv/bin/activate`
5. Now to run particular stock analysis on server you need to follow these steps:

As on local pc we have softwares to edit text files but server does not have this perk we have to edit file using commands

First type **nano changes.txt** it will open terminal like this:



```
[[settings]
#name of stock
stock_name = MSFT
#name of keywords to search
keywords_to_search = 'Bill gates',microsoft,rich
```

Now using keyboards arrows keys go to specific line and made the changes like this:

- In front of **stock_name** write the name of stock and in front of **keywords_to_search** type the keywords you are looking into tweets (the system will select those tweets which contain these words and apply sentimental analysis on them)

Format for keywords:

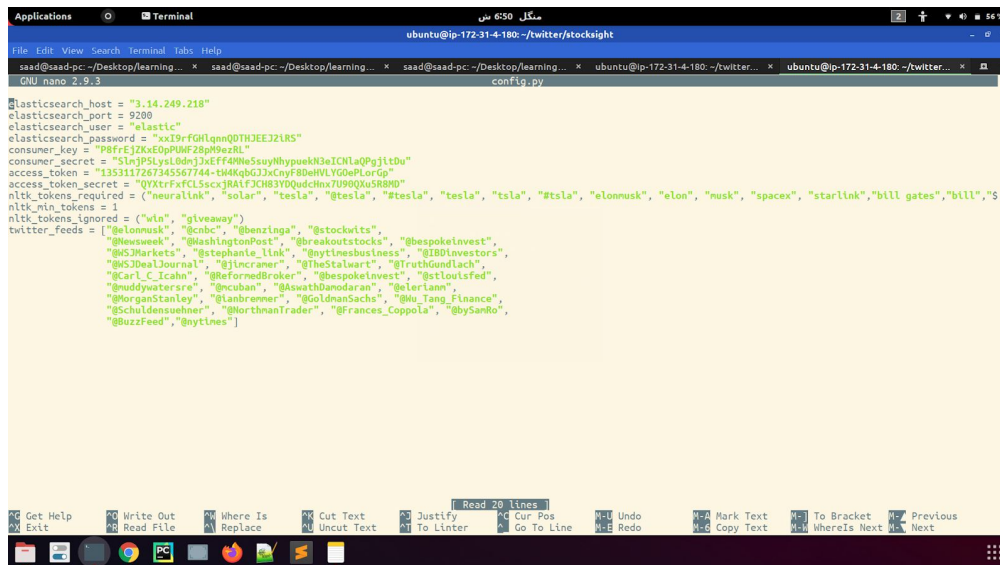
- Minimum 3 keywords are required
- No **spaces** between keywords like :
elon,musk,tesla,richguy,richestman
- If you want to write word in space write in **single quotes** like:
'elon musk','bill gates',rich,richguy

To save the file press :

- **Ctrl+o**
- **Enter**
- **Ctrl+x**

This will save the file and close the opened file

6. Now type **nano config.py** it will open terminal like this:



```
elasticsearch_host = "3.14.249.218"
elasticsearch_port = 9200
elasticsearch_user = "elastic"
elasticsearch_password = "xxI9rfGhIqnn0THJEEJ2LR5"
consumer_key = "P8FrEj2KxE0pUMF28pH9ezRL"
consumer_secret = "SLxjPSLysLb0dnJ3xEff4Whe5suyHypuekK3aICNLaQpJltDu"
access_token = "1351117267345567744-tMkqG6J3xnyf8DeWVLYG0wPurGp"
access_token_secret = "QVXtrFxFCL5scxJRA1fCJH83YQdcHmx7U99QXusR8MD"
nltk_tokens_required = ("neuralink", "solar", "tesla", "@tesla", "#tesla", "tesla", "tsla", "#tsla", "elonmusk", "elon", "musk", "spacex", "starlink", "bill gates", "bill", "S
nltk_min_tokens = 1
nltk_tokens_ignored = ("win", "giveaway")
twitter_feeds = ["@elonmusk", "@cnbc", "@benzinga", "@stockwits",
"@newsweek", "@WashingtonPost", "@breakoutstocks", "@bespokeinvest",
"@S3Markets", "@stephanie_ltk", "@nytimesbusiness", "@IBDInvestors",
"@WSJDealJournal", "@jincramer", "@TheStewart", "@TruthGundlach",
"@Carl_C_Icahn", "@ReformedBroker", "@bespokeinvest", "@stlouisfed",
"@muddywatersre", "@nucuban", "@aswathdhanodaran", "@elerlann",
"@MorganStanley", "@lanbrenner", "@GoldmanSachs", "@Hu_Tang_Finance",
"@Schuldensuehner", "@NorthmanTrader", "@FrancesCoppola", "@bySanRo",
"@buzzfeed", "@nytimes"]
```

Now using keyboards arrows keys go to specific line and made the changes like this:

Here you will change:

- Nltk_tokens_required** : Here you have to copy at least 3 keywords you have written into step 5. Each keywords will be in double quotes like :
("elon", "musk", "rich", "Bill gates")
- Twitter_feeds** : You will copy paste name of twitter accounts you want tweets of like :
["@elonmusk", "@nytimes"]

To save the file press :

- **Ctrl+o**
- **Enter**
- **Ctrl+x**

This will save the file and close the opened file

7. Type command **python main.py** and let this terminal open

8. Open a new terminal Repeat step 2, 3, 4 and then type **python price.py**

9. Now go to <http://3.14.249.218/> this will open kibana go to dashboard to see the required results

10 .If you want to stop at any point (for each terminal)

- Press ctrl+z
- Now type exit and press enter you will get out of server

