18 December 2020 20:38

## **Project Title**

Detection of malicious content/web link linked to cyber frauds

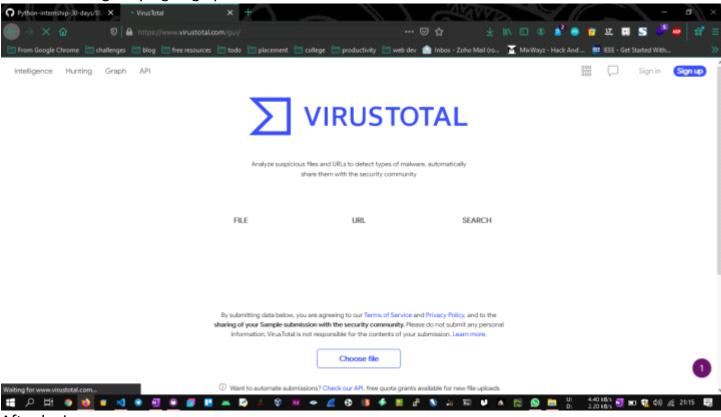
Before jumping into the contents lets see what is a malicious link

A malicious URL is a link created with the purpose of promoting scams, attacks and frauds.
 By clicking on an infected URL, you can download a malware or a Trojan that can take your devices, or you can be persuaded to provide sensitive information on a fake website

I have created a project which detects malicious links using python and virus total api

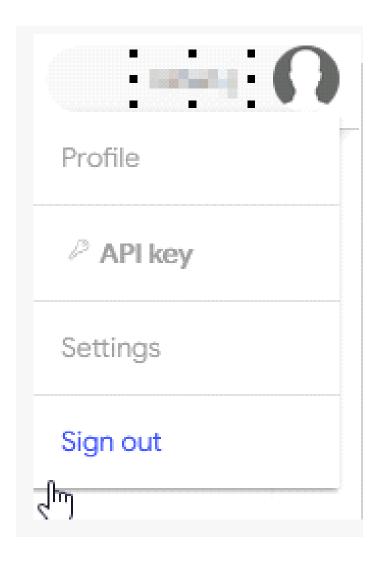
## Here is the link to code

Before executing the code we need virus total api which we can get by signing up in virus total.com

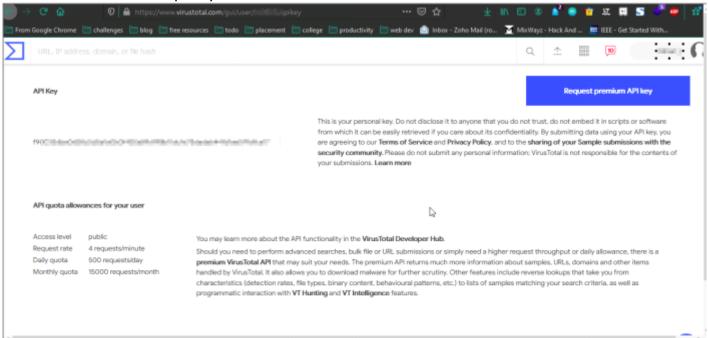


After login

when we click on user button we get like this



Then we need to click on api key



Copy the api key and keep in clipboard

Now go to the directory where the Malicious\_url\_scanner.py python file is there Create a text file named as urls.txt and input the links that needs to be scanned



Open command prompt in the directory

## Then type

Python Malicious\_url\_scanner.py -t url -p urls.txt

Then the program asks whether you have an api key or not

```
Oo You have virus total api key ? y/n : y

Enter your API key: f
```

Then enter the api key and then Wait for some time

```
is clements: 75

Harmless: 75

Malicious: 0
Suspicious: 0
Undetected: 8

VT link for URL: https://virustotal.com/gui/url/cf4b367e49bf8b22041c6f065f4aa19f3cfe39c8d5abc0

is clean.

Harmless: 76

Malicious: 0
Suspicious: 0
Undetected: 7

VT link for URL: https://virustotal.com/gui/url/20ad51c9900d779e105248eace0e4ca05315e4c302†

Thank you for using this program !
The program will exit now
```

Now you can check the results

Thank you for using the project