DARKWEB TRACKER

AUTOMATED TOOLKIT TO TRACK
ILLEGAL DRUG TRAFFICKING

TEAM
DARK
FORCE

PROBLEM STATEMENT

Crawling of dark web to identify and catalogue active and genuine darknet markets selling drugs (automatically add new markets and drop inactive/taken down markets).

Crawling of darknet markets to identify drug traffickers on dark net based in India and the drugs they offer for sale.

Digital foot printing of active drug traffickers on dark net based in India.

IDEA / SOLUTION :

Automated toolkit that can track down the IP address of the underdeveloped servers and data of the dark web websites. And use the IP address, to locate and find the criminals/illegal drug businesses in the dark web.
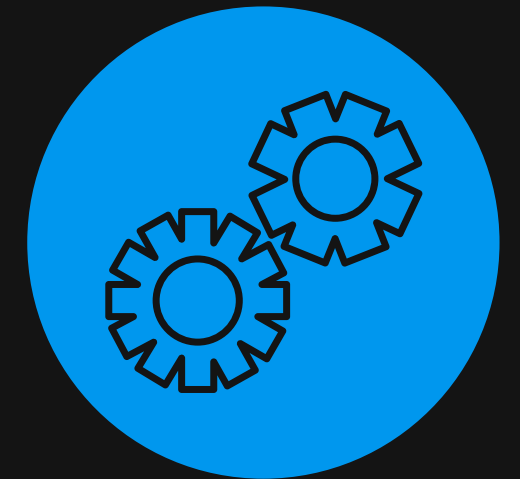
APPLICATION SUMMARY
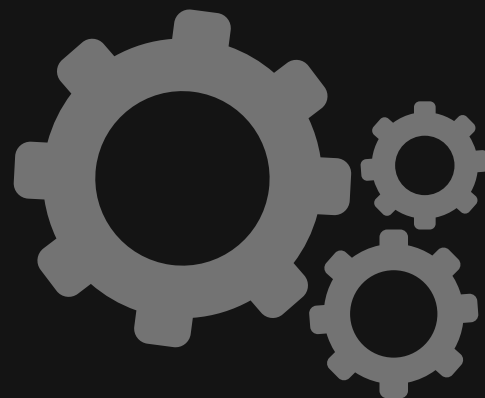
TECH

AI
+
CYBERSECURITY
+
AUTOMATED

FEATURES

- AI will help detect the most popular dark web used for the drug trafficking & also used to analyse weakness among the websites.

- Automation process can help save time for the security procedures.

- It can also help find all the websites that are not secured properly, instead of manually going through all dark websites.

TOOLKIT FUNCTIONS

DECRYPTION

Decrypting the websites to gain access to the server.

SERVER & LOGS

Check servers & logs to find data.

IP ADDRESS

Using the data to find the IP address of the users.

HOST & LOCATION

Tracking the host & location using the user IP address.

FINAL STEP

To catch & report the illegal drug trafficking business in darkweb.

TOOLKIT
OUTPUT

After finding the IP address, we can locate the server location.

And then we can catch the illegal drug trafficking criminal businesses from the Dark web.

At the end, to protect the people.

SOCIAL IMPACT

- Youth today are very much into drugs and technology, their urge to exploit technology and maintain privacy leads them to exploit dark web and fall into the trap of such illegal drug trafficking. By tracking out the illegal businesses on the dark web and demolishing such markets we save the youth of the nation and hence the nation.

- Creating awarness among people about such illegal businesses carried out through dark websites would also lead users of the dark web to be conscious about using those websites for their own personal safety, as well as the harm and loss that can come by being involved in such activities as a consumer as well as a seller.

CONCLUSION

Illegal drug trafficking has been occurring for many years. And after it has been also involved with the illegal internet market in the dark web, it has reached and harmed a wide range of the population.
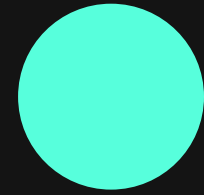
Closing down these internet markets for drugs can help stop the consumers to reach the illegal sellers.

AI – cybersecurity driven application is one of the way to solve the problem.
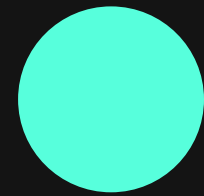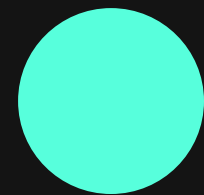
TEAM DARK FORCE

HARSHITAA

harshitaa.ashish2021@vitbhopal.ac.in

RUCHI

ruchi.bhattacharjee2021@vitbhopal.ac.in

SWATI

swati2021@vitbhopal.ac.in