

Protectnetic

Tanmay Damle(19DCE021), Jeet Undaviya(19DCE142), Raj Soni(D20DCE176)



INTRODUCTION

Child Abuse is a major concern in the society today. Many people on the dark web or even the surface web host child abusive content on the internet. Since it's not feasible for humans to identify 100s of 1000s of links everyday; we made a website which can identify child abusive content with just a click of a button.

OBJECTIVE

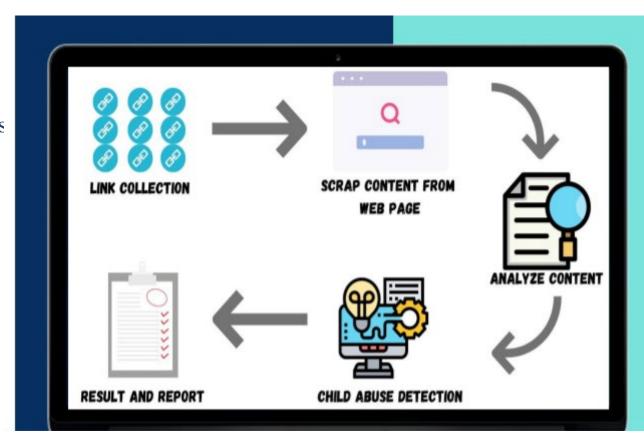
• To make a website which can identify child abusive content based on the link/links provided by the user/admin.

MATERIALS AND METHODS

Methodology:

Our Methodology includes the following flow:

As shown in the image on the right side, first we grab all the links of images from the website using beautiful soup, then we download the images using python requests module. Once the images are downloaded, the analyzing process begins; in which we have image classification models which determine if child abuse is found in the image or not. Once the processing is done report is generated which states whether child abusive content is found or not.



Tech Stacks Used:

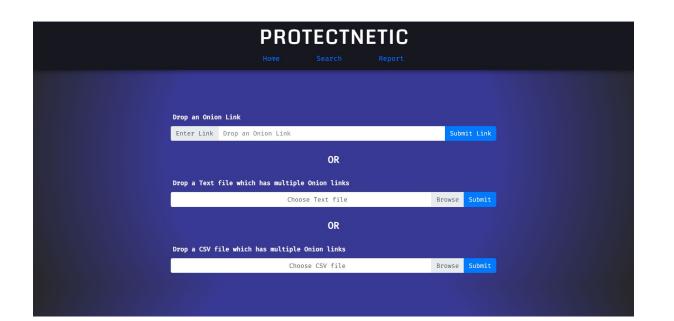








PROJECT SCREENSHOTS





CONCLUSIONS

- By making this, we feel that we have contributed to the betterment of society along with learning different technologies.
- We believe that

REFERENCES

https://docs.python.org/3/

https://docs.djangoproject.com/en/4.0/

https://docs.opencv.org/4.x/d9/df8/tutorial root.html

https://www.tensorflow.org/api docs/

https://beautiful-soup-4.readthedocs.io/en/latest/

FUTURE ENHANCEMENTS

- We can use the data to hack the website & permanently close it.
- We can find the website's owner by finding tor IP-address.
- We can make a security web filter for private organizations.
- Use image detection to catch some criminals who commit child abuse