Online-Trolling

STATUS-QUO:

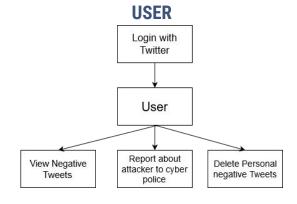
Nowadays, a lot of cyberbullying and trolling on social media sites, there isn't any specific dedicated system for particular social media platform to handle the criticism and trolling. We propose a solution which identifies the online troller/offender for Twitter and reports the user to the cyber-police, along with blocking/deleting the tweets.

Presented By - CodeHunters
College - Sardar Patel Institute of Technology, Andheri

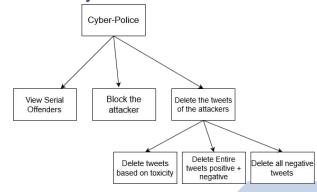


IDEATION / FLOW OF IDEAS

- User can register and login to the web application and enter the twitter details
- User can check the number of negative/trolling comments against him
- User can report the user or block the user and send the details of the person to cyber police for further investigation
- User has an option to let his negative tweets get deleted in a single click after his approval, so that it won't show on his profile
- Cyber police has 3 options to delete negative tweets from the attacker, to delete entire feed of the user consisting of both types of tweets and also can permanently block the user.
- Police can also delete some specific tweets depending upon the toxicity of the tweet

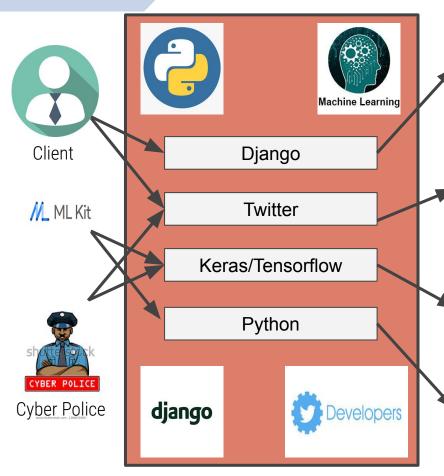


Cyber-Police





TECHNOLOGY STACK



WEB APPLICATION USING DJANGO:

A user friendly system to know about the negative tweets from the attacker.

TWITTER AND APIS:

User accesses twitter and the apis which retrieve the information and data about the tweets, users, and related information

SENTIMENT ANALYSIS WITH ML:

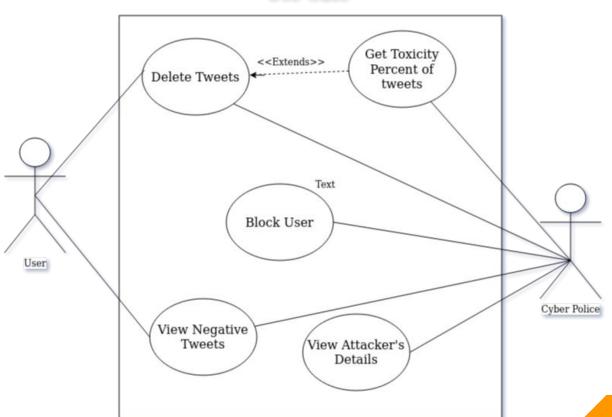
Well trained model using ML Kit to predict the negative tweets and classify it to report the user

LIBRARIES:

Twitter API v3, Pandas, LSTM for training the model



Use Case





SHOWSTOPPERS/DEPENDENCIES

Showstoppers:

- For user related functions access keys needs to be generated
- Cyber police is needed for attackers IP tracking and details tracking

Dependencies:

- Twitter Api V3
- Machine Learning kit

THANK YOU!