

The research proposal will continue from my literature review and focus on cyberbullying. As part of literature review, I found Artificial Intelligence and Machine Learning was the most frequent use to reduce cyberbullying and how these models were trained to detect cyberbullying. I noticed that the dataset used was from either social media sites or tweets.

As part of my research proposal, I would like to explore if these trained models could have a positive effect with ChatGPT.

I will invite a sample population of 100 -200 users from a random age and random location. Provide questionnaires and interview questions to determine if the individual has experienced any cyberbullying via social media, email, chats and discussion forums.

This will be taken further by trying to reproduce an AI ChatGPT using a chat engine in Python and in addition: -

- Gather some published data and stats on early signs of cyberbullying.
- Detect cyber bullying using key words and phrases between two people.
- Research on ways you can train an AI such as ChatGPT, using the above data to pre-identify early signs of cyberbullying.
- Compare the results from previous studies with a similar dataset and sample.
- Once trained, you can deploy this model into the application back end such as a social media platform or messaging service to identify cyber bullying and review the results after a period.

Ethical consideration for this project is to ensure the data received from the sample is kept anonymous, confidential, and personal identification should not be revealed.

The aim and objective of this research is to ensure that the online presence of an individual is not hampered by any means with new technology introduced.