

# Banter Block

1. The aim of this project is to determine words and phrases that indicate the user is being abusive and discriminatory using Twitter comments. The team will create a tool that will detect abusive comments which will protect victimised people on online platform, like internet trolls, and improve the user experience. The dataset used will be drawn from a collection of datasets about cyberbullying. The expected outcome is a tool that helps online platforms detect and flag offending comments for removal.

2. [Highly innovative.]

The proposed NLP techniques comprise several models that have been successful in identifying abusive comments in online platforms, such as multi-view support vector machine (SVM) to increase model learning performance. There is a possibility that by combining models like SVMs, neural networks, named entity recognition, and through careful feature engineering can lead to high identification performance. Exploring all these strategies, however, will take time but the results will be intriguing if successful.

3. This team appears to have considered several models and NLP approaches for use in their project, however time restrictions may limit the success and evaluation of each model. Model optimization and feature engineering for text classification models, sentiment analysis, NER, topic modelling, and sequence labelling all take time. Another option is to look for articles that have previously utilized similar approaches and expand on that. Furthermore, comparing the model's results across other platforms might offer intriguing discoveries such as variations in content management policies between Twitter and other platforms.