

ABSTRACT

Social technologies have created a revolution in user-generated information, online human networks, and rich human behavior-related data. Cyberbullying is a form of bullying or harassment using the electronic means. It is using technological platform to bully or attack the people using social media platform such as Twitter, Facebook, Whats App. There is a positive side of the social media platforms, it enables communication among people all over the world. However, the misuse of social technologies such as social media platforms, has introduced a new form of aggression and violence that occurs exclusively online. A new means of demonstrating aggressive behavior in Social Media websites are highlighted through this project. We will comprehensively review cyberbullying prediction models and identify the main issues related to the construction of cyberbullying prediction models in Social Media and build a process for cyberbullying detection and implement our model in our social media application. Data collection and feature engineering process will be done and feature selection algorithms will be applied. Finally, various machine learning algorithms will be applied for the prediction of cyberbullying behaviors. The issues and challenges will also be highlighted as well, which will present new research directions for researchers to explore.

Key Words: Cyberbullying , Linear SVM , Social Media , Dataset