

(54) Title of the invention : DETECTION OF CYBER BULLYING ON SOCIAL MEDIA USING MACHINE LEARNING

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(57) Abstract :

Social media is a platform where Cyber-Bullying is wide -spread. The proposed problem is an implementation of detection of cyber-bullying on social networking sources such as Twitter, YouTube etc. Because of the burning consequences of internet bullying, the computer science field is involved in detection of cyber-bullying through text and Social Analysis. However, the public suffering has only increased and the ramifications are less. In order to prove and perceive the accuracy, hence using Sentimental Analysis and to recognize the analysis, Big Data Analytics will be utilized. Process: from twitter/ you tube we collect the tweets and retweets, comments with timestamp. We prepare all the data collection with attributes such as user ID user name, time space or login time, comments etc. Real time data need to be collected minimum 8k. Later apply the algorithms (Ada boost, SGD, Multi nominal NB). Output should be a graph telling precision values and fi score best algorithm among all. Develop it into a webpage with HTML and CSS. The page should be with welcome to cyberbullying detection. About the process login page and result with feedback form for user Contact info. Solution should be alert message and block system for admin.

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