Hate Speech Detection using ML Algorithm

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Abstract: *The difficulties that must be overcome when dealing with hate speech are not new. Hateful acts on social media have increased dramatically in recent years as a result of increased internet usage. Thanks to advancements in technology, it is now possible to provide a platform where people may freely express their thoughts and experiences. If this is the case, it will not be a problem. However, we sometimes witness hostile comments circulating on social media that are directed at a specific person or group. Hate speech is a statement that discriminates against a person or a group of people based on caste, creed, nationality, or other factors. Our study tries to address the aforementioned issue by utilising Deep Learning techniques to recognise hate speech and categorise it into several categories such as extremely positive, negative, or neutral. For classification, the SVM method was utilised.*

Keywords: Hate Speech, Support Vector Machine, Deep Learning, Social Media

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