Depression Detection from Social Media Data

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Abstract: *Through social networking sites, users can gather information about themselves and their posts. This data can then be analysed and used to develop effective monitoring systems that can detect users with psychological disorders. Psychological illnesses' symptoms are frequently viewed passively.In this study, the author argues that the use of social behaviour extraction can help identify these conditions at an early stage. Our proposed methodology aims to provide a new approach to the treatment of psychological disorders by identifying and addressing the causes of confusion. It can be utilized in informal organizations. We analyse the characteristics and apply machine learning to large-scale data sets to analyse the characteristics of different forms of psychological diseases using different algorithms like ANN, RNN and Naive Bayes and output is generated and users are classified according to their features (happy, low, gloomy, etc.).*

Keywords: Sentimental Analysis, social media, feature extraction, Machine Learning

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