

Depression Detection by Analyzing Social Media Post of User

Punam Sanap, Swati Hire, Priyanka Date, Gayatri Shinde

Matoshri College of Engineering and Research Centre, Nashik, Maharashtra, India

Abstract: *Today, the problem of early detection of depression is one of the most important in psychology. Mental health problems are often among the most important health stressors in the world, with over 300 million people currently affected by depression alone. As large amounts of male or female signups are generated on social media platforms, researchers are increasing the use of evidence-gathering devices to determine if this content material can be used to uncover mental health issues in users. Depression is a disease that poses a major problem in our society and is a continuing concern, according to researchers around the world. With ubiquitous computing devices such as smartphones, predicting depressive moods remains an open question. Social media testing is often implemented to address this issue. In this article, a depression rating and suicidal ideation detection system were proposed to predict suicidal acts supporting the magnitude of depression. To do this, expert and well-established classifiers were used to discriminate whether someone is depressed or not, using competencies from their sporting activity within positions. Similar tool algorithms are used to train it and classify it into different levels of depression on a scale of 0-100%. In depression or not, the use of Art Machine Learning algorithms is a predictive method for the early detection of depression or unusual mental illnesses. The main contribution of this exam is the exploration of a competency network and its implications for the recognition of the degree of depression. This system aims to gain an in-depth understanding of the model used to categorize users with depression by understanding some cases where male or female undergraduate labels are examined to uncover postgraduate labels. By combining all of the post tag category possibilities, you can create temporary post profiles that are then used to categorize customers with depression. This paper shows that there are fluid versions in the posting patterns between depressed and non-depressed clients, as represented by the combined odds of the posting tag category. Natural Language Processing (NLP), categorized the use of the BERT set of regulations to find out depression probably in a greater on hand and inexperienced way*

Keywords: Machine Learning, NLP, BERT Algorithm, Depression, Classification, Social Media Post.

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