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Depression Detection using AI, ML and NLP

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Abstract: Depression is a serious mental illness that can be debilitating. It can interfere with daily activities and cause feelings of sadness, hopelessness, and despair. It is a mental health condition that can range in severity from mild to severe. The severity of depression can be assessed based on the number, intensity, and duration of symptoms, as well as their impact on an individual's daily functioning. Mild depression typically involves symptoms such as feeling sad, low energy, and a lack of motivation. These symptoms may not significantly interfere with an individual's ability to function in their daily life, and they may still be able to maintain their social and occupational obligations. Moderate depression involves more severe and persistent symptoms, such as a sense of hopelessness, persistent feelings of sadness, and difficulty concentrating or making decisions. These symptoms may make it challenging to fulfill daily responsibilities, and may result in social isolation or problems at work or school. Severe depression involves symptoms that significantly impair an individual's ability to function in their daily life, such as suicidal thoughts, complete loss of interest in activities, and difficulty with basic tasks such as personal hygiene or eating. Severe depression is a medical emergency and requires immediate professional intervention to prevent harm to oneself or others.

Keywords: Depression

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