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Detecting depression using Hybrid models created using Google's BERT and Facebook's Fast Text Algorithms

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T. Saravanan ; T. Jhaideep ; N. Hima Bindu   **All Authors**

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II. Linguistic
     Metadata

III. Classification
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Depression is the leading cause of worldwide disability and is also a leading
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Machine Learning algorithms. The model is trained using the BERT, Fast Text word embedding technique which was compared with the classification algorithm using Linguistic Metadata at the User Level.

Contents

I. Introduction

Depression is a prevalent mental illness characterised by a depressed mood, stressful life experiences, and a sense of hopelessness. It has an impact on your mood and capacity to operate, and it has the potential to lead to suicides. Depression is a substantial contributor to the worldwide burden of mental disorder and is a main cause of disability. According to research, women are significantly more to continue reading to suffer from depressionEvery year, around 700,000 people commit suicide. Suicide is the fourth highest cause of death among those aged 15 to 29 years old. Depression is a prevalent illness that affects 3.8 percent of the world's population, affecting 5.0 percent of adults and 5.7 percent of those over 60. Globally, an estimated 280 million people suffer from depression[1] [2].

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