

# Mental Health Disorder Anticipation Using ML and Blockchain

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**Abstract:** *In recent years, mental health has been one of the most ignored, yet critical, aspects of our overall well-being. This study proposes a system for a virtual mental health web-app due to financial, time, and space constraints, as well as a scarcity of resources. Mental illness is typically a snowball effect that demands regular monitoring and deliberate efforts to improve. This is possible with the help of a virtual mental health web-app. A conversation function, psychological examination, emotion recognition module, and mood improvement counselling system will all be included in the suggested web-app. We used a Decision Tree Classifier and Encryption. In terms of accuracy, our method outperformed the Decision Tree Classifier.*

**Keywords:** Deep Learning, Machine Learning, Decision Tree Classifier, Encryption, Natural Language Processing, Mental Health

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