

Prediction of Suicidal Ideation Using Deep Learning Models

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Abstract: *In recent years, the incidence of fatalities resulting from suicide has risen. Suicide is increasingly a leading cause of mortality globally. This growth has resulted in a perilous scenario, that jeopardises human life. Numerous investigations have been conducted to ascertain the causes of such suicides and their prevention. Literature indicates that early diagnosis of suicidal ideation can aid in saving lives. The concept of early detection has prompted several scholars to conduct studies in this area. Numerous research studies have employed machine learning and deep learning models to forecast suicidal ideation. This paper examines the current research conducted on the identification of suicidal ideation utilising machine learning and deep learning methodologies.*

Keywords: Machine Learning, Artificial Intelligence, Natural Language Processing

