

DETECT EMOTION CATEGORY FOR A GIVEN SOCIAL MEDIA TEXT FOR SINHALA ENGLISH CODE MIX

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Abstract

Due to social and financial constraints, professional obligations, and personal circumstances like relationship problems, people are considerably busier today. Due to the advancement of contemporary technologies, people are accustomed to using social media sites. such as WhatsApp, Instagram, Facebook, and Twitter. People were urged to limit their personal contact with others during the global pandemic. As a result, social media networks' user behavior quickly changed. The positive aspect of this is that people may express their emotions through social media platforms by messaging a friend, commenting on a post, sharing an article or post, etc. Additionally, when a person's mental state is poor, they often express their feelings and emotions.

Suicide is a choice made by some people, especially those who are under extreme circumstances. These days, youthful generations in particular exhibit this. As a result, the author made the decision to do research in this field and create a system to forecast the emotion category and the likelihood of suicide using a sample social media text using natural language processing (NLP). Each result's values will be shown on the screen so that the person entering the inputs may view the outcome in context.