EMOTION RECOGNITION

USING TWEET ANALYSIS

TEAM MEMBERS

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PROBLEM STATEMENT

Understanding and accurately identifying emotions from text tweets presents challenges due to the inherent complexity of human expression in written form. Ambiguities in language, including sarcasm, irony, and slang, present difficulties in correctly deciphering the underlying sentiment. In addition, cultural and contextual nuances further complicate the process, which can lead to misinterpretations. Moreover, the subjective nature of emotions and the lack of explicit indicators often hinder the development of robust and universally applicable models of emotion recognition.

ABSTRACT

With the exponential growth of social media, especially text data. Sentiment analysis is a technique used to analyze different people's attitudes, emotions, and opinions about anything and can be performed on tweets to analyze public opinion about news, policies, social movements, and personalities. Twitter is used to gather opinions about products, trends and politics. Using advanced machine learning techniques, the proposed model aims to accurately identify and categorize various emotions expressed in tweets, such as happiness, sadness, anger, fear, and others. Utilizing advanced machine learning algorithms and sentiment analysis tools, the model demonstrates robustness in detecting and categorizing complex emotional nuances expressed in short text messages.

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THANK YOU