

# Sentiment Analysis by using Machine Learning

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**Abstract:** *The Many businesses are using social media networks to deliver different services and connect with clients and collect information about the thoughts and views of individuals. Sentiment analysis is a technique of machine learning that senses polarities such as positive or negative thoughts within the text, full documents, paragraphs, lines, or subsections. Machine Learning (ML) is a multidisciplinary field, a mixture of statistics and computer science algorithms that are commonly used in predictive and classification analyses. The goal and primary objectives of this project is to analytically categorize and analyze the prevalent research techniques and implementations of Machine Learning techniques to Sentiment Analysis on various applications.*

**Keywords:** ML, NLP, CNN

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