

Sentiments Analyzer

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Abstract: Individual internet usage has expanded significantly in today's globe when compared to previous years. The evolution of AI has occurred as technology has advanced dramatically. Covid-19 is a global pandemic that has been underway since 2019, and the WHO has advised governments to take the appropriate steps to contain the problem. To safeguard citizens from this hazardous illness, the Indian government has planned a state-by-state lockdown beginning March 24, 2020. People were not allowed to work outside their homes during the curfew. All modes of transportation were restricted, with the exception of critical commodities transit and fire, police, and emergency services. Lockdowns were also imposed on educational institutions, industry, and hospitality services. On social media sites like Twitter and Koo, millions of people around the world began to express their views on the imposition of lockdown during the outbreak. Sentiment analysis, a subset of machine learning, has emerged as one of the most important areas of natural language processing (NLP). The skills of sentiment analysis can be used to examine people's reactions to an event. This required data extraction in order to understand people's emotions and play a key role in making changes to keep the problem under control. The purpose of this study is to find out what Indian citizens think about the nationwide lockdown imposed by the Indian government in order to reduce the spread of Coronavirus. In this study, NLP and machine learning classifiers were used to analyse the sentiment of tweets. Information was obtained from Twitter, annotated with TextBlob, and preprocessed with the Python's natural language tool package. RNN is used to classify sentiment in this study. The majority of Indian inhabitants accept the Indian government's decision to enforce a lockdown during the corona outburst, according to the results of this survey.

Keywords: Convolutional Neural Network, Deep Learning, Character, Segmentation

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