

ABSTRACT

This research explores public sentiment toward the Enforcement of Community Activity Restrictions (PPKM) during the COVID-19 pandemic in Indonesia through sentiment analysis. Traditional word embeddings like word2vec fail to handle polysemous words effectively, leading to limitations in sentiment classification. The dataset, comprising tweets in Bahasa Indonesia related to COVID-19 and PPKM, was scraped from social media platform X (formerly Twitter). Sentiment classification was conducted into three categories: positive, neutral, and negative. To address this issue, we propose using Bidirectional Encoder Representations from Transformers (BERT) for contextual word embeddings, combined with Convolutional Neural Networks (CNN) for sentiment classification.

Keywords: PPKM, COVID-19, sentiment analysis, BERT, CNN, Indonesia, social media.