ABSTRACT

The government is intensively issuing new policies for the people of Indonesia in handling the spread of COVID-19. Many Indonesians have aspirations or opinions related to the government's policies which are written on the Twitter social media platform. We can take the aspirations of the community and know the sentiments of the whole community, so that we can see the tendency of the sentiments of the people towards the government's policies. Many methods are used to determine the public's sentiments, one of the common ways is using the Support Vector Machine method and TF-IDF weighting. In this final study, additional features will be added using the lexical method that utilizes the polarity values from the InSet and Masdevid lexical dictionaries combined with the TF-IDF word weighting. From the experimental results by adding lexical features, the InSet dictionary can increase the accuracy to 83% compared to SVM without the addition of the lexical method features which produce 82% accuracy.