ABSTRACT

This research is motivated by the many responses of the Indonesian people related to the news that is currently viral. At the beginning of 2020 a new virus was discovered which has the name covid-19, all countries in the world are making efforts to suppress the spread of the covid-19 virus. In the midst of the Covid-19 virus phenomenon, there are various types of vaccines that have been discovered by scientists, but the views of the pros and cons that arise from the community. The purpose of this study is to analyze the public's attitude towards vaccination in Indonesia and whether it is necessary to approach the government to the community to suppress negative responses. This research uses quantitative methods and the data is taken using a response-taking technique through social media. Respondents in this study were taken in stages from January 1, 2021 to June 30, 2021 through TWITTER social media. The data obtained using random sampling of 500 data per month with conditions covering all dates. Hypotheses are made and tested using the Nave Bayes method. The results show that the public's response to the COVID-19 vaccine is decreasing. It is hoped that the government will take steps to suppress negative sentimens to make people aware of the importance of vaccination.

Keywords: Covid-19, vaccine, sentiment analysis, Naïve Bayes, twitter, text mining