

SENTIMENT ANALYSIS OF THE INCREASE OF FUEL ON TWITTER USING THE SUPPORT VECTOR MACHINE (SVM) METHOD

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ABSTRACT

Social Media Twitter has a large number of users in Indonesia. These users often generate a lot of tweets from various things such as: Entertainment, education, politics, and also work. One of the issues that has become a trending topic on Twitter in 2022 is the increase in fuel prices. This problem makes Twitter users make various tweets regarding the increase in fuel prices. For its classification, it uses the Support Vector Machine (SVM) method, which is one of the methods in Supervised Learning that is used to carry out classification. In sentiment analysis using the support vectore machine method, it is done by classifying sentiment into positive sentiment or negative sentiment. The level of accuracy of sentiment analysis on fuel price increases using the support vectore machine method is 83% using 800 training data and 200 test data.

Keywords : Twitter, SVM, Sentiment Analysis