

Abstract

The Jakarta – Bandung high-speed rail project is one of the major projects currently being built in Indonesia. The Jakarta – Bandung high-speed rail project has become a hot topic of discussion on Twitter social media, because during its construction there are many parties who feel disadvantaged, but there are also parties who feel benefited. In this study, sentiment analysis was carried out on public sentiment on Twitter social media about the Jakarta – Bandung high-speed rail project. This study uses data that contains tweets from predetermined keywords and uses GloVe word embedding and the Support Vector machine classification method. In this study, the best combination of GloVe parameters with a value of 200 for `no_of_component`, 0.001 for `learning_rate` and the TOP 1 feature resulted in an increase in the SVM classification accuracy value from 72.63% to 77.72% compared to SVM without using the GloVe expansion feature.

Keywords: sentiment, high-speed rail, twitter, GloVe, SVM