Abstract

In microblogging services such as Twitter, users may find it difficult to understand the writings and topics, because abbreviations are often found in each tweet. The solution applied in this research is to expand features for topics in tweets. Feature expansion is the process of enriching the original text with additional semantics to make it appear like a large text document. The method used for feature expansion is to use Word2Vec. The method used in classifying is Naive Bayes-Support Vector Machine. The results showed that the topic classification system with Word2Vec feature expansion using the Naive Bayes-Support Vector Machine classification method had an accuracy 84%.

Keywords: feature expansion, classification, nbsvm, support vector machine, svm, tweet, twitter, word2vec