

Abstract

General Election or commonly called elections is the process of choosing to fill a certain position. Indonesia again held the people's party, namely the Presidential Election of the Republic of Indonesia which was held in April 2019. Regular elections were often associated with campaigns. The campaign is carried out for the support of the community either directly or by using social media, especially Twitter. Twitter is the most suitable area where people and politicians express their views on the two candidates. The use of twitter for campaigns can be used to obtain information and predict who will win the election. So it is necessary to do a grouping of opinions in the form of sentiment analysis to predict the power of presidential candidates early quickly and accurately. The dataset is divided into two classes, positive and negative. The feature used in this study is the N-gram combination and hashtags, while the weighting feature uses TF-IDF. Before entering the classification process, the dataset is divided into two parts, namely data train and test data using 10-fold-cross-validation, and then enter the classification process using SVM. The classification results show that the best level of accuracy is obtained by the combined feature of N-gram and hashtag which is equal to 97.65%

Keywords: general election, svm, sentiment analysis