
Abstract

The tour is traveling with the purpose of having fun, adding knowledge, and others. Tourist attractions can be seen through from the website, so it can help to survey the tourist destination. From the number of reviews on the site, the attraction can be confusing in decision making for the destination to be guided. Sentiment analysis is one way to make decision making easier. Therefore, in this study made sentiment analysis based on the reviews of tourism objects that can make it easier to do with the decision of the attraction. The purpose of this research is to obtain N-gram and treshold, in terms of classification using term frequency – inverse document frequency (TF-IDF) and Random forest method. So from the experiments done by changing the Random forest parameter, the best N-gram is 3 with a score of f-measure 94.07%. Second trial was done with treshold change. This trial received a treshold with a value of 4 as the best treshold with a score of f-measure 94.05%.

Keywords: Sentiment Analysis, Random Forest, TF-IDF, N-gram