

ABSTRACT

Sentiment is the assessment of opinion or comment on a topic or product. Sentiment analysis is used to seeing an opinion and comment on a problem or topic that tend to positive or negative. This research explains classification of sentiments on movie review documents to facilitate others in knowing the quality of a movie. With the advancement of technology there are much information that available on the internet, one of them is movie review. Movie review contains opinion from people ababout the movie. If the information is processed properly, it will get information about the quality of the movie. Method used in this reseach is Doc2Vec for ecxtracting data into vector. Doc2Vec is selected because this method support the computer to indentify combination of words to be classified. Classification method used in this research is Support Vector Machine (SVM) because SVM can classify high-dimensional data. The classification process is done by training the data that has been determined so that will produce a model that will be tested on the testing data. From the test scenarios that have been done, Doc2Vec and SVM algorithm that used in movie review case the F1-measure value is 54.1872%.

Keyword : Sentiment Analysis, Doc2Vec, Support Vector Machine (SVM), movie review.