

ABSTRACT

As technology develops. The website has become one of the social media that has greatly contributed in providing information. Some websites now provide features to provide reviews as a marketing strategy. Sentiment Analysis is an alternative to help classify large amounts of information. Sentiment Analysis is tasked with classifying texts into several classes, positive, negative and neutral. With sentiment analysis, existing information will be more summarized and evaluated. In previous studies using Support Vector Machine (SVM) obtained an accuracy of 80.51 %, using the Naive Bayes method obtained an accuracy of 80.1 %, with a KNN method of 82.90 % with the same data that is a film review. This research is interested in researching film review websites using the Long Short-Term Memory (LSTM) classification method with Word2Vec feature extraction. This research chooses the Long Short-Term Memory (LSTM) method because from previous research it shows that Long Short-Term Memory (LSTM) has an accuracy of 72.85% and Long Short-Term Memory (LSTM) of 67.88% on the same data. In other studies, using Long Short-Term Memory (LSTM) which is assisted by Back Propagation Through Time (BPTT) gets an accuracy of 86.75% in the film review data. LSTM has the advantage of being able to store some memory about data patterns in previous network structures, so Long Short-Term Memory (LSTM) can solve research problems that are classified as sentiment analysis