

## **Abstract**

The growth and dissemination of information at this time is supported by increasingly developing technology. Information can spread widely on the internet quickly. One of them is opinion information about a film. There are positive and negative opinions. There is a polarity in a movie review because everyone has their own opinion. As a result, many movie lovers have difficulty finding information that suits their needs. With these problems, the right method to analyze it is sentiment analysis. In this study, the sentiment analysis dataset was then carried out in the preprocessing stage, feature extraction of Word2vec feature extraction and then classification using the Support Vector Machine method. With the system built, it produces the best accuracy value of 78.8% and the best F1-score of 78.79%. The system built using lemmatization with 300 Word2vec dimensions, along with the linear SVM classification has the highest performance value

**Keywords:** sentiment analysis, Word2Vec, SVM