Abstract

The issue of Palestine and Israel is currently ongoing and increasingly heated. The struggle for territory and power is the reason for this conflict, thus attracting the world's attention, especially that of the Indonesian people. People are actively expressing various views in the form of opinions via social media platforms such as Twitter. Communities are competing in making posts and tweeting as a form of support for either party. Various tweets appear, making it difficult to draw conclusions through manual analysis. Therefore, this research employs automatic sentiment analysis to enable mass data processing. The sentiment analysis process uses a Deep Learning algorithm, specifically the Convolutional Neural Network (CNN), as it is expected to provide high accuracy and achieve the designed goals. This sentiment analysis research aims to understand and classify various forms of public sentiment towards the issue of Palestine and Israel, thereby providing an overview of the dynamics of public opinion in Indonesia regarding this issue. The results of this research found the best performance with an accuracy score of 93.85%, precision of 93.76%, recall of 93.95%, and F1-score of 93.86%.

Keywords: *Sentiment Analysis, Palestine and Israel, CNN, RNN*