

Abstract

This 2019 presidential election is one of the mandatory national agendas. One of the media providers of information during the presidential election is online media. Still, the function of online media as an information provider is drawing criticism for allegedly having polarity towards specific candidates. To prove this, we need a sentiment assessment of every news about each candidate in online media. However, the evaluation of sentiment manually is somewhat difficult because of the large amount of data so that it is necessary to implement automation that can facilitate this. This research uses an Artificial Neural Network (ANN) classification model with the technique of taking Scraping information from news texts using the TF-IDF weighting method. From this research, it is known that the online media *kompas.com*, *liputan6.com*, *republika.co.id*, and *tempo.co* have positive or negative sentiments that are not too significant for each candidate. News texts are taken from the online media *kompas.com*, *liputan6.com*, *republika.co.id*, and *tempo.co* then processed with the ANN model and obtained results in the form of accuracy. The best accuracy results obtained from *kompas.com* for Jokowi-Ma'aruf are 94.16% and Prabowo-Sandi 89.16%. For Jokowi-Ma'aruf, the best accuracy results obtained from *liputan6.com* are 93.3% and Prabowo-Sandi 89.16%. For Jokowi-Ma'aruf, the best accuracy results obtained from *republika.co.id* are 83.75% and Prabowo-Sandi 67.81%. Then, for the best accuracy, results obtained from *tempo.co* are 89.58% and Prabowo-Sandi 83.33%.

Keywords: Online Media, ANN, Sentiment, Classification, Scraping