

Abstract

The development of technology makes communication easier by using social media, as well as the news that is spread in it cannot be validated in all its contents. Hoax is news that is published without referring to true or false news. To find out whether a hoax is news or not, we can use a classification method, especially the Rocchio classification, With a high enough accuracy to clarify news, it is hoped that hoaxes will be identified easily using Rocchio classification. In this case, the n-gram method is used as an additional parameter to measure the accuracy and effectiveness of Rocchio classification. Final result is accuracy evaluation of Rocchio Classification for testing with a unigram of 0.87, a bigram of 0.77, and a trigram of 0.66. Based on the tests using n-grams, it was concluded that the combined sequence of n-grams determines the accuracy obtained, the more sequences of n-grams the accuracy will be smaller

Keywords: *Hoax, Classification, Rocchio, Data, Twitter.*