

ABSTRACT

The use of social media among the public has become popular. One of the social media currently used by the public is Twitter. With the tweet feature, users can post whatever they are feeling, whether it's feeling happy, sad, upset, etc. So that from the posts that Twitter users pour out, it can be seen whether the post contains feelings of depression or not. In this research, a system that can detect whether there is depression in tweet posting is not using the K-Nearest Neighbor (K-NN) method.

The K-Nearest Neighbor (K-NN) method is one of the classification methods that can be used for text mining, which has the advantage that it is easy to reach and implement. The key is that the detection system is not depressed on tweets using the K-Nearest Neighbor method is able to detect in tweet posts in the form of text there are no keywords in it or there is no accuracy rate of 78.29% on data train and 63% on data validation.

Keyword: *Twitter, Depression, K-Nearest Neighbor, Text Mining*