

Abstract

Depression is a disorder of human mental health. Not a few who suffer from this disorder but do not understand what action to take. With social media, it can also be detected whether someone is experiencing symptoms of depression. This is because social media has become a way for humans to express their opinions and feelings through tweets. Therefore, it is necessary to have a system that can detect symptoms of depression based on tweets. This is done so that early prevention can be done for respondents who have the potential to experience depression. In this study, the creation of a system using Term Frequency/Inverse Document Frequency feature extraction and the Logistic Regression method for detection of data sets has resulted in a performance value of 75% accuracy.

Keywords: logistic regression, twitter, depression, detection, indonesia, social media