

Abstract

Twitter is one of the social media that has many active users in the world, one of which is Indonesia. This social media has become a means of communication in interacting and as a means of share opinions, feelings, and thoughts that are felt by someone. The communication that occurs on Twitter is indirectly, so the feelings or emotions that felt by someone can only be seen in the form of text in published tweets. Therefore, it takes a classification system in social media interactions to know the emotions or conditions of a person categorized into five basic types of emotions expressed by Shaver namely anger, love, sadness, happy, and fear. The method used in this study is decision tree method to do emotional classification on tweet and use TF-IDF method to do word weighting. In this study obtained result with the best accuracy rate of 55% with an average precision value of 54%, recall 53%, and f1-score 53%.

Keywords: classification, emotion. twitter. decision tree