

Abstract

Sentiment analysis is done by dividing opinion in accordance with the inherent polarity of opinion. In performing sentiment classification, this thesis using the Maximum Entropy method with two types of data, the first is the tweets that have not been classified as sentiment (based solely on the emoticon) and consists of various categories. Second, the tweets that have been classified as a sentiment and consists of only one category. The experiment was carried out and analyzed from two aspects, the type of data and data treatment as preprocessing. The best accuracy results obtained by the Maximum Entropy in this thesis is 98%, where the training and testing data used are the second type of data that have been classified as a sentiment and consists of only one category.

Keywords: *sentiment, classification, Twitter, Maximum Entropy*