Abstract

Various social media sites, often give feedback from the follower with a user that they follow previously. Review of online followers may be one consideration as a source of valuable information both for the follower itself and for the topic. However, for users who has many followers. It can be difficult for another follower if it must read one by one of all the existing reviews. Therefore we need a system that can summarize a review of the user based on tweet. One proposed solution is to conduct an assessment of the users' opinion. Graph-based is one of method that graph-oriented data where the modeling data is modeled in graph form in this case the user is directly connected which will be used in determining the classification of a user to be taken. The test results show that the accuracy value based on directed graph is better than compared with assessment based on the original commentary with average accuracy produced in the range of 69%. The value of this accuracy is affected by the number of words and word variants for each user review.
Keywords: *social media, sentiment analysis, opinion mining, Twitter*