

ABSTRACT

Twitter is a microblogging based social media, now Twitter popularly used worldwide. But Twitter has a few problems that have a negative impact to the users, one of that thing is spam. Spam on Twitter is a fake tweet that contains phishing web link, tweet that contains a link that is different from the topic of tweet, tweet spam who sent randomly to users by adding a mention or a hashtag, and also both of them to get the readers attention. Users who sent a spam is called “spammers” and using that as a class. In this case, writer added “non spammers” class. Therefore, the Naive Bayes classifier method (NBC) can be implemented in case of detection spammer on Twitter. The first steps is to collect user data, including spam and non-spam and then take the tweet data. After that proceed to make the features in terms of user and tweet. Then the pre-processing with the discretization. The processed data of pre-processing data is divided into testing and training data. Training data processed by Naive Bayes methods and get a model result. Then, testing data is entered into the model built by Naive Bayes method. Lastly, the measurement of accuracy, precision, and recall. After that do the analysis. The test results using all the features obtained the highest accuracy is 83.33% and the result using 1 features obtained the highest accuracy of 93%.

Keyword: *Twitter, Tweet, Spam, Naive Bayes Classifier*