

Abstract

News is a story about actual or factual events that are produced daily to provide the latest information to the society [1]. Daily news updates that cause the amount of news flowing large enough, so that making the data is not easy to process. Therefore it is necessary to classify news articles automatically to facilitate data management easily. But in the classification itself there are problems related to the element of uncertainty and the high dimension of the feature. Therefore, in this study the authors use the method of Multinomial Naive Bayes Classifier and Chi-Square selection feature to handle the problems faced by the authors in this study. The result of this research is able to give performance of system built with the average value of microaveraged f1-measure of 85.28%.

Keywords: news, classification, feature selection, MNB, Chi-Square