Abstract

Qur'an is one of the guidelines for all Muslims in the world, as well as miracles and words from God. Each verse in the Qur'an has different meanings, there are verses that contain commands, prohibitions, or others that only contain information. Until now, there have been many religious experts who interpret the Qur'an verses so that they have different meanings. One way to determine the category of an interpretation of the Qur'an verses can be done by text classification. However, text classification has a constraint that there are many features that are less relevant so that it can reduce the performance of the classification system. One way to reduce features that are less relevant is using feature selection. In this study, the author built a classification model using Support Vector Machine (SVM) and Chi-Square method for feature selection. The results of classifying the interpretation of Qur'an verses using the SVM and Chi-Square methods produce an accuracy score of 70.38% and F1-Measure of 70.09%

Keywords: text classification, support vector machine, chi-square