Abstract

Hadith is everything attributed to the Prophet Muhammad in the form of words, deeds, Taqrir (silence agree) and so on. Generally hadith collections by some of the high priest, one a collection of hadith compiled by Imam Bukhari. However, there is currently no research and innovation classification of hadiths on the advice, prohibition and are merely information. In the classification probablistik method most frequently used is the Naïve Bayes classifier because it has the advantages of fast and simple. Naïve Bayes classifier is a classification that assumes the existence of the attributes of a class are not related or not will affect the attribute in another class, otherwise known as the class conditional independence However, the problems that often arise in related research is the high data dimensions (the number of features / word in one opinion). This will greatly affect the process of classification itself. Therefore, to reduce the high dimensional data has to be done several stages as one of the feature selection methods, namely Chi-square. This researvh using Naïve Bayes method by adding a feature selection in this study using Chi-square.

Keywords*: Classification, Feature Selection, Naïve Bayes, Chi-Square, Hadith*

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