

# **Pengelompokan pada Hadits Menggunakan *Naive Bayes Classifier***

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## **Abstract**

**Hadith is the basis of Islamic Shari'a and is used as the second source of law after the Qur'an. Hadiths have various subject matter in each chapter. In this final assignment, a study of the grouping of hadith was carried out using TF-IDF to calculate the weight obtained in the word that became the identity of each category and the naïve bayes classifier to predict datasets and evaluate the value of accuracy. Testing is done twice testing with different scenarios. From the two scenarios that were recognized TF-IDF without normalization were 87.97% and also the most efficient in the scenario using normalized TF-IDF with an accuracy of 89.29%.**

**Keywords: naïve Bayes, classification**

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