

CLASSIFICATION OF FITRAH RECIPIENTS USING METHOD NAÏVE BAYES

ABSTRACT

Indonesia is a country with a Muslim majority population. In everyday life, the Indonesian population is inseparable from the influences of Islamic teachings. In this world, there are so many commands that Allah must carry out, including the order to pay zakat. One of them is when Eid al-Fitr is required to pay zakat fitrah for each of its citizens.

In grouping the distribution of zakat fitrah using the Naïve Bayes Classification method. Naïve Bayes classification itself is one of the classification methods that can be applied in classification.

The classification system used to classify the recipients of zakat fitrah categories. From each test results using test data and training data at random, and each test using training data increased 37 pieces of data in each test. It can be concluded that the more training data the lower the level of accuracy. Determination of the amount of training data and test data is very influential on the final results of calculations using the Naïve Bayes method. Class determination also affects the final results of calculations using this Naïve Bayes method.

Keywords: Classification, Zakat, Naïve Bayes.