CLASSIFICATION OF LOCAL COFFEE BEAN QUALITY USING THE NAIVE BAYES CLASSIFIER METHODCLASSIFICATION OF LOCAL COFFEE BEAN QUALITY USING THE NAIVE BAYES CLASSIFIER METHOD

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ABSTRACT

Coffee is a drink that is very popular and popular in Indonesia and even in various countries. In Indonesia itself, coffee is a drink whose fans can be categorized as very large, almost all groups from young to old, women and men enjoy coffee. There are even some who make coffee a habit before doing an activity to make it fresher, usually among workers/students and there are also those who use coffee as a drink to relax, calm themselves, or as a source of motivation for the mind. Therefore, good and quality coffee beans are needed to produce the taste and character of quality coffee drinks. This makes the classification process of quality coffee beans important. Manual classification is usually carried out by visual observation of the coffee cherries and takes a very long time and sometimes the accuracy is less accurate. Based on this case, researchers want to design a system to classify quality coffee beans in Indonesia. For this system, researchers want to use the Naïve Bayes Classifier method because this method will be more effective in dealing with cases such as classification which will later be classified into various types. This method can also make it possible to obtain accurate data results.

Keywords: Classification, Coffee, Indonesia, Naïve Bayes Classifier