ABSTRACT

IMPLEMENTATION TEXT MINING FOR CLASSIFICATION OF TRADITIONAL ART WITH NBC (Naïve Bayes classifier) METHOD

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Traditional arts are very many and diverse are classified into several forms of art that is dance, music, art and other performances. But many do not know about the diversity of traditional arts. Because it needed an application that can process data into the arts of additional information for the user.

Making text mining applications for the classification of this traditional art will process the raw data is a text database of descriptions of art that entered. Will perform tokenizing preprocessing, filtering, stemming and analizing of the words in the description of art in order to obtain keywords. Of those keywords will then be generated frequent itemset with the Naïve Bayes method for classifying categories of art. In the test results Naïve Bayes method can be used to categorize art category with a higher probability where appropriate description of art contain keywords contained in the training data. By using keywords to obtain information on the book title and synopsis of books based on the keywords searched by users at search engines.

Keywords : *text mining, naïve bayes , keywords, search engine.*