Abstract

For improving accuracy in present work experiment is proposed over bank data to classify, according to the 11 existing feature. Classification problems frequently have a large number of features, but not all of them are utile for classification. Redundant and irrelevant features may be reduced the classification accuracy. Feature selection is a procedure of choosing a subset of significant components, which can diminish the dimensionality, abbreviate the running time. Genetic algorithm as an optimization tool and Naïve Bayes classifier will be used to compute the accuracy.

References

1. Jiawei Han and Micheline Kamber, “Data Mining Concepts and Techniques”, Simon Fraser University, 2000
2. Ron Kohavi, George H. John, “Wrappers for feature subset selection”, Artificial
Intelligence 97, pp. 273-324, 1996.

Index Terms
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Data mining, Feature selection subset, Data set, GABASS, Naïve Bayes classifier.