Abstract

In this paper association rule mining (ARM) and classification are explained and performed. The limitation of Classification without ARM is also discussed. The Paper also considers the use of association rule mining in classification approach in which a comparative study of Naïve Bayes Classifier and KNN is performed for this purpose. Finally, a comprehensive experimental study against FIRE data set is presented to evaluate and compare traditional and association rule based classification techniques with regards to classification performance.

References

13. Shuanghui Luo, 2002 “Distributed Classification Based on Association Rules (DCBA) algorithm”

Index Terms

Computer Science  Artificial Intelligence

Keywords

Data Mining, Text Classification, Association Rule Mining, Classification with ARM, Naïve Bayes, KNN.