Abstract

Data mining is a process by which the from raw data information and important patterns are estimated. That involves the intermediate processes to find the data patterns from the input datasets. These processes are pre-processing, algorithm implementation and the testing of developed model. Algorithm are used find the data pattern from the data, that may in form of associative, any data structure based or weight based. The proposed work is an effort in order to develop an association rule mining algorithm using the decision tree. Where the decision tree is used first to find the decision rules and according to rules new associate rules are extracted from the data.

References

- P. Rajendran, M. Madheswaran, Hybrid Medical Image Classification Using Association Rule Mining with Decision Tree Algorithm, JOURNAL OF COMPUTING, VOLUME 2, ISSUE 1, JANUARY 2010, ISSN 2151-9617
- A. Martin, M. Manjula and Dr. PrasannaVenkatesan, A Business Intelligence Model to Predict Bankruptcy using Financial Domain Ontology with Association Rule Mining
An Efficient Tree based algorithm for Association Rule Mining

- Ruihai Dong, Markus Schaal, Michael P. O’apos;Mahony, Kevin McCarthy, and Barry Smyth, THE REVIEWER’s ASSISTANT: RECOMMENDING TOPICS TO WRITERS BY ASSOCIATION RULE MINING AND CASE-BASE REASONING, Downloaded 2013-12-12T03:37:02Z

Index Terms

Computer Science
Information Science

Keywords
Apriori Algorithm
Association Rule Mining
Cart Algorithm