Abstract

Association rule mining is the most important technique in the field of data mining. It aims at extracting interesting correlation, frequent pattern, association or causal structure among set of item in the transaction database or other data repositories. Association rule mining is used in various areas for example Banking, department stores etc. The paper surveys the most recent existing association rule mining techniques using apriori algorithm.

References

- S. Appavu alias Balamurugan, Aravind , Athiapppan, Barathiraja, Muthu Pandian and Dr. R. Rajaram,"Association rule mining for suspicious Email detection:A data mining approach"; I1-4244-11330-3/07/$25. O0 02007 IEEE.
March 2011
- Mamta Dhanda, sonali Guglani and gaurav gupta – "Mining Efficient Association Rules through Apriori Algorithm Using Attributes"; IJCST Vol. 2, Issue 3, September 2011 ISSN: 2229-4333 (Print) | ISSN: 0976-8491 (Online)
- L. Cristofor, "Mining Rules in Single-Table and Multiple-Table Databases"; PhD thesis, University of Massachusetts, 2002.

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