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. ©02007 IEEE.
A Survey on Association Rule Mining using Apriori Algorithm

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- Mamta Dhanda, sonali Guglani and gaurav gupta –&quot;Mining Efficient Association Rules through Apriori Algorithm Using Attributesquot; IJCST Vol. 2, Issue 3, September 2011 ISSN : 2 2 2 9 - 4 3 3 3 ( P r i n t ) | I S S N : 0 9 7 6 - 8 4 9 1 ( O n l i n e )
- J. Han, M. Kamber, &quot;Data Mining Concepts and Techniquesquot; Morgan Kaufmann Publishers, San Francisco, USA, 2001, ISBN 1558604898.
- L. Cristofor, &quot;Mining Rules in Single-Table and Multiple-Table Databasesquot;&quot; PhD thesis, University of Massachusetts, 2002.

Index Terms

Computer Science Data Mining

Keywords
Association Rule Mining  Ant Colony Optimization  E-mail Detection  Database Reverse Engineering.