Abstract

Association rule mining is an important component of data mining. In the last years a great number of algorithms have been proposed with the objective of solving the obstacles presented in the generation of association rules. In this work, a new graph based algorithm for associative rule mining which has so many advantages over the existing methods is proposed. It can be used to improve decision making in a wide variety of applications such as: market basket analysis, medical diagnosis, bio-medical literature, protein sequences, census data, logistic regression, fraud detection in web, CRM of credit card business etc.

References

- Agrawal, Rakesh; and Srikant, Ramakrishnan; Fast algorithms for mining association rules in large databases, in Bocca, Jorge B.; Jarke, Matthias; and Zaniolo, Carlo; editors, Proceedings of the 20th International Conference on Very Large Data Bases (VLDB), Santiago, Chile, September 1994, pages 487-499
Index Terms

Computer Science  
Algorithms

Keywords

Apriori  Weighted Graph  Association Rule Mining