Abstract

Different types of data, needs of users and variety application problems are lead to produce a range of methods to discover patterns and dependent relationships. This application follows a set of association rules according to know which one of set of objects affects on a set of other objects. This association rules predict the occurrence of an object based on the occurrence of other objects. The associative algorithms have the challenge of redundant association rules and patterns, but studying various methods of association rules is expressive that the recent researches focused on solving the challenges of the tree and lattice structures and their compounds about association algorithms. In this paper, the associative algorithms and their function are described, and finally the new improved association algorithms and the proposed solutions to solve these challenges are explained.

References

A Survey on Improved Algorithms for Mining Association Rules

ACM Computing Surveys (CSUR).


**Index Terms**

Computer Science                   Artificial Intelligence

**Keywords**

Frequent item sets, Mining association rules, Data mining.