Abstract

Focus of this paper is to present a new method based on transactional matrix for finding association rules more efficiently. Apriori algorithm is one of the classical algorithms for finding association rules, but it has limitations of number of times database scanned is too large and number of candidate itemsets generated is large. To reduce these two limitations a new method tries to find the association rules directly from a matrix which is generated from the transactional database.

References

- Jiawei Han and Micheline Kamber, (2001), “Data mining Concepts and Techniques”, Morgan kaufman academic press
An Effective Method for Association Rule Mining based on Transactional Matrix

Algorithm for Mining Association Rules”, pp. 513-516

Index Terms

Computer Science
Pattern Recognition

Keywords
Apriori algorithm  Association rule  Frequent itemsets  Transactional matrix