Abstract

In this paper, Enhanced Apriori Algorithm is proposed which takes less scanning time. It is achieved by eliminating the redundant generation of sub-items during pruning the candidate item sets. Both Traditional and Enhanced Apriori algorithms are compared and analysed in this paper.

References

Analysis of Traditional and Enhanced Apriori Algorithms in Association Rule Mining

- Han, J, Pei, J, Yin, Y 2000, "Mining Frequent Patterns without Candidate Generation," Proc. of ACM-SIGMOD.
- "Fast Algorithms for Mining Association Rules," IBM Almaden Research Center, 650 Harry Road, San Jose, CA 95120.

Index Terms

Computer Science
Artificial Intelligence

Keywords
Candidate generation; frequent itemsets; transaction_size; support count; threshold.