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

- 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.