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

- C. Gyorodi, R. Gyorodi. &quot;Mining Association Rules in Large Databases&quot;. Proc. of Oradea EMES&apos;02: 45-50, Oradea, Romania, 2002.
- M., Suraj Kumar Sudhanshu, Ayush Kumar and Ghose M. K., &quot;Optimized association rule mining using genetic algorithm Anandhavalli Advances in Information Mining&quot;, ISSN: 0975–3265, Volume 1, Issue 2, 2009, pp-01-04
- Han, J, Pei, J, Yin, Y 2000, &apos;Mining Frequent Patterns without Candidate Generation&apos;. Proc. of ACM-SIGMOD.
- Goswami D. N. et. al. &quot;An Algorithm for Frequent Pattern Mining Based On Apriori&quot;, (IJCSE) International Journal on Computer Science and Engineering Vol. 02, No. 04, 2010, 942-947
- Pulari. s. s et al, &quot;Understanding Rule Behavior through Apriori Algorithm over Social Network Data&quot;, Global Journal of Computer Science and Technology Volume 12 Issue 10 Version 1. 0 May 2012.
- &quot;Fast Algorithms for Mining Association Rules&quot;, 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.