Abstract

Apriori algorithm has been imperative algorithm in association rule mining. Main proposal of this algorithm is to find useful patterns between different set of data. It is the simplest algorithm yet having many drawbacks. Many researchers have been done for the enhancement of this algorithm. This paper does a survey on few good enhanced approaches of Apriori algorithm. This will be really very helpful for the upcoming researchers to find some new ideas from these approaches.

References

1. Dr (Mrs).Sujni Paul Associate Professor Department of Computer Applications, Karunya University, Coimbatore 641114 , Tamil Nadu, India.
3. K. Pazhani Kumar Assistant Professor Dept of Computer Science S.T. Hindu College S.
Survey on Frequent Pattern Discovery and its Approaches using: Data Mining

Arumugaperumal Head Dept of Computer Science S.T. Hindu College

4. Dr. M. Dhanabhakyam* & Dr. M. Punithavalli**  *Assistant Professor, Department of
Commerce, Bharathiar University, Coimbatore, Tamilnadu, INDIA. E-Mail: dhana_
giri@rediffmail.com  **Director and Head of the Department, Department of Computer Science,
Ramakrishna College of Engineering, Vattamalaipalayam, Coimbatore, Tamilnadu, INDIA.

5. W. Sun, M. Pan, and Y. Qiang, "Improved association rule mining method based on t

6. J. Han and M. Kamber, Conception and Technology of Data Mining, Beijing: China

7. C. Wang, R. Li, and M. Fan, "Mining Positively Correlated FrequentItemsets," Computer

8. J. Pei, J. Han, and H. Lu. Hmine: Hyper-structure mining of frequent patterns in large

9. Ms. Rina Raval, Prof. Indr Jeet Rajput , Prof. Vinitkumar Gupta, “Survey on several
improved Apriori algorithms”, IOSR Journal of Computer Engineering (IOSR-JCE), Volume 9,
Issue 4 (Mar. - Apr. 2013), PP 57-61

10. Reeti Trikha, Jasmeet Singh, “improving the efficiency of apriori algorithm by adding new
parameters", International Journal for Multi Disciplinary Engineering and Business
Management, Volume-2, Issue-2, June-2014

rules”, International Journal on Natural Language Computing (IJNLC) Vol. 3, No.1, February
2014

12. R. Agrawal, T. Imielinski, and A. Swami.. Mining association rules between sets of items
in larged databases, In Proceedings of the 1993 ACM SIGMODInternational Connnference on

Index Terms

Computer Science  Data Mining

Keywords

Component ariori algorithm ,frequent pattern, association rule mining. Support, minimum
support threshold, multiple scan. FP Growth algorithm,regression technique.