Abstract

Frequent pattern mining has become one of the most popular data mining approaches for the analysis of purchasing patterns. There are techniques such as Apriori and FP-Growth, which were typically restricted to a single concept level. We extend our research to discover cross-level frequent patterns in multi-level environments. Unfortunately, little research has been paid to this research area. Mining cross-level frequent pattern may lead to the discovery of mining patterns at different levels of hierarchy. In this study a transaction reduction technique with FP-tree based bottom up approach is used for mining cross-level pattern. This method is using the concept of reduced support.

References

A Novel Algorithm for Cross Level Frequent Pattern Mining in Multidatasets

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Index Terms

Computer Science Pattern Recognition

Keywords

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