An Experimental Study of Pattern Mining Technique to improve the Business Strategy

International Journal of Computer Applications © 2011 by IJCA Journal

Volume 34 - Number 3
Year of Publication: 2011

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10.5120/4076-5397

Abstract

Pragmatism of pattern mining system is to study the data and determines a model that is closest to characteristics of the data being examine. This necessitates identifying interesting
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association patterns idea can be described as a recursive eradication method in a preprocessing step, that remove all items from the transactions that are not regular individually, i.e., do not appear in a user-specified least number of transactions. Then choose all transactions that have the least regular item (least frequent along with those that are frequent) and delete this item from them. Recursive to procedure the obtained reduced (also known as projected) database, evoke that the entry sets construct in the recursion split the deleted item as a prefix. On revisit, eliminate the processed item also from the folder of all transactions and start over, process the second frequent item etc. In these dispensation steps the prefix tree, which is improved by associations between the branches, is demoralized to quickly discover the transactions containing a specific entry and also to eliminate this entry starting the business after it has been processed.

Reference

- Bac Le, Huy Nguyen, Tung Anh Cao, Bay Vo, "A Novel Algorithm for Mining High Utility
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Index Terms
Computer Science
Pattern Recognition

Key words
Data mining
Association Rule
FP-growth
Frequent Pattern
Prefix Tree