Abstract

Mining for association rules between items in a large database of sales transactions has been described as an important database mining problem. In this paper we present an efficient algorithm for mining association rules that is faster than the previously proposed partition algorithms approximately m times where m is the number of stages in pipeline. The algorithm is also ideally suited for parallelization.

Reference


- Ying-Hsiang Wen, Jen-Wei Huang and Ming-Syan Chen, “Hardware-Enhanced Association rule Mining with Hashing and Pipelining”, IEEE Transactions on Knowledge and Data Engineering, Vol.(20), No.6, pp784-794, June 2008.


Index Terms

Computer Science

Database

Applications

Key words

Association rules

Partition

Pipeline

Parallelization