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Abstract

For Mass data cloud computing is used as solution for storing and analyzing .Cloud is suitable for big data computation for processing large parallel data sets. Hadoop is used for distributed computing that would be required to enable big data. MapReduce is a component of Hadoop used for parallel processing. In this paper strategy of mining association rules is discussed with apriori algorithm. Modified MapReduce apriori algorithm with TopDown approach is implemented on datasets .The results show that strategy designed has higher efficiency and takes less time for execution for calculating frequent itemsets.

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Index Terms

Computer Science

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Keywords

Hadoop,Map-Reduce, Apriori algorithm , Data mining Support Association rules,Top Down Approach.