

عنوان مقاله:

Discovering of association rules in huge database

محل انتشار:

اولین کنفرانس بین المللی فناوری اطلاعات؛ دولت الکترونیک و شهر هوشمند (سال: 1396)

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خلاصه مقاله:

In this paper the problem of discovering association rules among items in extremely large databases has been considered. A novel mining algorithm has been proposed which can explore efficiently the large itemsets. one of the most popular algorithms is apriori . based on this algorithm this paper indicates the limitation of the original apriori algorithm of wasting time for scanning the whole database searching on the frequent itemsets , and presents an improvement on apriori by reducing that waste time depending on scanning only some transaction (by clustering the database and using new structures named subvector for each cluster).Performance and efficiency of proposed method has been compared with Apriori algorithms. Experiments illustrate that proposed method will do better than .apriori algorithm

کلمات کلیدی:

data mining , cluster table, association rules

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