ABSTRACT

On database technology progress there is a wish to use this technology to new application domain. One of this new domain application is data mining. Data mining purpose is to looking for hidden patterns that in large scale database.

One of method/task data minig who used is association model that the first time must get candidat rule to look association rules. In the process, big resource and effort is needed to get candidat rule.

In this paper will be analyzed DHP's algorithm (Direct Hashing and Pruning) to get itemsets as association rules. Analyze that be did in this assignment is to prove effective in this algorithm in time side and number of generate candidate itemsets. As compaison, apriori's algorithm is used to see the effectiveness   DHP's algorithm.

Key words: Data mining, association, DHP's algorithm(Direct Hashing and Pruning), candidat rule, association rules, apriori algorithm