Abstract

A factory has a production plan to produce products which are created from number of components and thus create profit. During financial crisis, the factory cannot afford to purchase all the necessary items as usual. Mining of erasable itemsets finds the itemsets which can be eliminated and do not greatly affect the factory’s profit. The managers uses erasable itemset (EI) mining to locate EIs. If the manager wants to determine which new products are beneficial for the factory, we have to apply EI mining on the original database with new products from the scratch. So, here the incremental approach to mine erasable itemsets is proposed which scans only new products and update the EIs which were found previously from original database.

References

An Incremental Approach for Mining Erasable Itemsets

ACDM'10, pp. 214–225.
- Han, J., Pei, J., Yin, Y., 2000. Mining frequent patterns without candidate generation. In: SIGMOD&amp;apos;00, pp. 1–12.
Index Terms

Computer Science
Applied Sciences

Keywords
Data mining  Erasable itemset mining  pidset  dpidset