Abstract

In the modern world, we are faced with influx of massive data. Though such trend is most welcome, it poses a challenge to space-time requirement. So the imperative need is to find more efficient algorithms to manage such problem. There are so many existing algorithms to find frequent itemsets in Association Rule Mining. In this paper, we have modified FPTree algorithm as HVCFPMINE TREE (Horizontal and vertical Compact Frequent Itemset Pattern Mining Tree). HVCFPMineTree combines all the maximum occurrence of frequent itemsets before converting into the tree structure. We have explained it with algorithm and illustrated with examples in horizontal data format and vertical data format.

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Index Terms

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Key words

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