

Experiment No:-08

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		PAGE No.	
		DATE	/ /
Experiment No-08			
<u>Title/Aim</u> :- Implementation of Association Rule mining algorithm (Apriori) Using WEKA tool.			
<u>Theory</u> :- Apriori is an algorithm for frequent item set mining & association rule learning over relational databases. It provides by identifying the frequent individual items in the database and extending them to larger and larger item sets as long as those items sets appear sufficiently often in the database. this has frequent items sets determined by Apriori can be used to determine association rules which highlight general trend in the database this has application in domain such as market basket analysis. Apriori uses a "bottom-up" approach where frequent subsets are extended one item at a time & groups of candidate are tested against the data. The algorithm terminates when no further successful extension are found Apriori uses breadth-first search & Hash tree structure to count candidate item set efficiently			
<u>Conclusion</u> :- Thus, we have implemented of association Rule mining algorithm (Apriori) using weka tool.			

Output:-

