

Birla Institute of Technology and
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Campus
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Data Mining (CS F415)

Apriori and FP-growth algorithm

By

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Data Set Used:

Groceries.csv

Pre-processing:

Gave a unique id to each item in the database and sorted the transactions based on that id.

Frequent item sets and Association rules with Given Support, Confidence :

No. of frequent item sets	No. of Association rules	Support(%)	Confidence(%)
36	9	5	20
36	5	5	30
1002	267	1	20
1002	110	1	30

Set of maximal frequent itemsets, closed frequent item sets, redundant association rules :

The maximal frequent itemsets, closed frequent itemsets for different support values are present in the zipped file along with other results.

There are no redundant association rules for the tried supports

