

Data Mining Assignment-1 Report

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Dataset 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 Support, Confidence

No of Frequent Item Sets	No of Association Rules	Support (%)	Confidence (%)
36	5	5	30
36	9	5	20
1002	267	1	20
1002	110	1	30

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

The maximal frequent item sets, closed frequent item sets for different support values are present in the zip file along with other results.

There are no redundant association rules for the tried supports.