

# Data Mining Assignment-1

## Report

### Group Members:

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### Dataset used:

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groceries.csv

### Pre-processing:

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

### Frequent item sets and Association rules with Support, Confidence

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No of Frequent Item Sets	No of Association Rules	Support (%)	Confidence (%)
36	5	5	30
36	10	5	10
1002	89	1	50
1002	433	1	30

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

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

There are no redundant association rules for the tried supports.