

## Data Mining Assignment -1

- 1) Dhruv Gupta (2017A7PS0108H)
- 2) Rahul Pillai (2017A7PS0099H)
- 3) Shrish Tripathi (2017A7PS0188H)
- 4) Smit Shah (2017A7PS0080H)

Dataset used: Groceries.csv

Language used: Java

Pre-processing done on data: None

### Test Case 1:

Support = 500 Confidence = 20

Number Frequent Itemsets:31

Number of Association Rules:6

Maximal Frequent Item set in Output folder.

Closed Frequent Item set in Output folder.

### Test Case 2:

Support = 400 Confidence = 25

Number Frequent Itemsets:40

Number of Association Rules:8

Maximal Frequent Item set in Output folder.

Closed Frequent Item set in Output folder.

### Test Case 3:

Support = 600 Confidence = 15

Number Frequent Itemsets:19

Number of Association Rules:2

Maximal Frequent Item set in Output folder.

Closed Frequent Item set in Output folder.