

Data Mining and Warehousing

Lab Assignment: 1

To be Evaluated on: 30/01/2018

Tasks to perform (in a programming language of your choice without using the inbuilt functions):

1. Implement Apriori algorithm for association rules. Run the algorithm with two different support and confidence level defined by you.

Data Set: Chees, Mushroom, Retail dataset can be used.

- Print closed item set.
- Print closed frequent itemset.

Note:Let $Y \subseteq I$ and

$$X \subseteq Y$$

If the X is an *infrequent* itemset, then Y is also an infrequent itemset. On that basis apply the Apriori algorithm.