MCA303 Data Mining

Course Code MCC303

Assignment

1. Write the Apriori Algorithm. Solve the following by applying Apriori algorithm.

Consider the transaction set below:

|  |  |
| --- | --- |
| TID | Item |
| T1 | 1,3,4 |
| T2 | 2,3,5 |
| T3 | 1,2,3,5 |
| T4 | 2,5 |
| T5 | 1,3,5 |

Generate all possible Association rules by generating candidate sets considering minimum support as 2 and the confidence %for the rule should be >= 60%.

1. Consider any transaction database with minimum 15 transactions. Apply hash based technique and partitioning technique to identify frequent itemsets.