List of Tables

2.1 A transactional database 35
2.2 Intermediate result 35
2.3 Patterns without infrequent items 36
2.4 Reduced table 36
3.1 A sample database 47
3.2 Item support vector 50
3.3 Item support vector for segment 1 50
3.4 Item support vectors of the database 52
3.5 Summary of sample datasets taken for performance study 55
3.6 Performance comparison on dataset T10.13.10K 55
3.7 Performance comparison on dataset T10.13.50K 55
3.8 Performance comparison on dataset T10.13.100K 56
4.1 A transactional database table 60
4.2 Generating transaction count array (GTC) 64
5.1 A transactional database 78
5.2 Partitionwise itemsupport vector 79
6.1 Datasets 104
6.2 Performance of the proposed method 1 and the method given in [88] 105
6.3 Performance of the proposed method 1 and the proposed method 2 106
6.4 Time taken by the method 1 and the method 2 106