

## List of Tables

Sr. No.	Table Number	Table Caption	Page No.
1	Table 1.1	Data Mining Application areas	3
2	Table 2.1	Comparative analysis of Data mining Tools	28
3	Table 3.1	Performance Measuring Parameters	40
4	Table 3.2	Comparative analyses of Classification Techniques	50
5	Table 4.1	Imbalanced Datasets with different degree of Imbalanced distribution	68
6	Table 4.2	comparative analysis of SVM classifier on different 12 datasets for original imbalanced data of different degrees	76
7	Table 4.3	Comparative Results for Accuracy measures with different imbalance Ratios.	77
8	Table 4.4	Comparative Results for F-Measures with different imbalance Ratio	79
9	Table 4.5	Comparative Results for F-P rate with different imbalance ratio	80
10	Table 4.6	Comparative Results for Precision rate with different imbalance ratio	82
11	Table 4.7	Comparative Results for ROC rate with different imbalance Ratio	83
12	Table 5.1	Data set description	89
13	Table 5.2	Comparative analysis of the Proposed Approach with Relief & Info-Gain Feature Selection approach	93
14	Table 6.1	Dataset Description	112
15	Table 6.2	Results for the Hybrid model to enhance the performance of the classifier	117