

SUPPORT VECTOR MACHINE

S.No	Questions	Percentage
1	What is the percentage of correct classification/Overall Performance of the Model? (Accuracy)	0.78
2	What is the percentage of correct classification of not purchased? (Recall)	0.96
3	What is the percentage of correct classification of purchased? (Recall)	0.47
4	What is the percentage of correct classification of purchased to correctly classified purchased and wrongly classified purchased? (Precision)	0.88
5	What is the overall performance of not purchased? (F1-Measure)	0.85
6	What is the average performance of precision? (Macro Avg)	0.82
7	What is the average performance of Recall? (Macro Avg)	0.72
8	What is the average performance of F1-Measure? (Macro avg)	0.73
9	What is the sum of product of proportion rate? (Weighted Avg - precision)	0.81
10	What is the sum of product of proportion rate? (Weighted Avg - recall)	0.78
11	What is the sum of product of proportion rate? (Weighted Avg – F1- Measure)	0.76

DECISION TREE

S.No	Questions	Percentage
1	What is the percentage of correct classification/Overall Performance of the Model? (Accuracy)	0.87
2	What is the percentage of correct classification of not purchased? (Recall)	0.89
3	What is the percentage of correct classification of purchased? (Recall)	0.84
4	What is the percentage of correct classification of purchased to correctly classified purchased and wrongly classified purchased? (Precision)	0.82
5	What is the overall performance of not purchased? (F1-Measure)	0.90
6	What is the average performance of precision? (Macro Avg)	0.86
7	What is the average performance of Recall? (Macro Avg)	0.87
8	What is the average performance of F1-Measure? (Macro avg)	0.86
9	What is the sum of product of proportion rate? (Weighted Avg - precision)	0.87
10	What is the sum of product of proportion rate? (Weighted Avg - recall)	0.87
11	What is the sum of product of proportion rate? (Weighted Avg – F1- Measure)	0.87

RANDOM FOREST

S.No	Questions	Percentage
1	What is the percentage of correct classification/Overall Performance of the Model? (Accuracy)	0.90
2	What is the percentage of correct classification of not purchased? (Recall)	0.92
3	What is the percentage of correct classification of purchased? (Recall)	0.88
4	What is the percentage of correct classification of purchased to correctly classified purchased and wrongly classified purchased? (Precision)	0.86
5	What is the overall performance of not purchased? (F1-Measure)	0.92
6	What is the average performance of precision? (Macro Avg)	0.89
7	What is the average performance of Recall? (Macro Avg)	0.90
8	What is the average performance of F1-Measure? (Macro avg)	0.90
9	What is the sum of product of proportion rate? (Weighted Avg - precision)	0.90
10	What is the sum of product of proportion rate? (Weighted Avg - recall)	0.90
11	What is the sum of product of proportion rate? (Weighted Avg – F1- Measure)	0.90