Classification Report Questions

Random Forest

1.What is the Overall Performance : 92%

2.what is the percentage of correct classification of both purchase and not purchase : 92%

3. what is the correct classification of purchase to the total purchase : 93%

4. what is the correct classification of not purchase to the total not purchase : 91%

5.what is the percentage of classification of both correct and wrong purchase : 84%

6. what is the percentage of classification of both correct and wrong not purchase :93%

7. what is the overall performance percentage of purchase : 88%

8.what is the overall performance percentage of not purchasing:94%

9.what is the average performance of precision :90%

10.what is the average performance of Recall :92%

11.what is the average performance of F1measure :91%

12.what is the weighted average of precision :92%

13.what is the weighted average of Recall :92%

14.what is the weighted average of F1measure : 92%

Decision Tree

1.What is the Overall Performance : 86%

2.what is the percentage of correct classification of both purchase and not purchase :86%

3. what is the correct classification of not purchase : 87%

4. what is the correct classification of purchase : 83%

5.what is the percentage of classification of both correct and wrong purchase : 77%

6. what is the percentage of classification of both correct and wrong not purchase :91%

7. what is the overall performance percentage of purchase : 80%

8.what is the overall performance percentage of not purchasing:89%

9.what is the average performance of precision :84%

10.what is the average performance of Recall :85%

11.what is the average performance of F1measure :85%

12.what is the weighted average of precision :86%

13.what is the weighted average of Recall :86%

14.what is the weighted average of F1measure : 86%

Support Vector Machine

1.What is the Overall Performance : 66%

2.what is the percentage of correct classification of both purchase and not purchase : 66%

3. what is the correct classification of purchase to the total purchase : 0%

4. what is the correct classification of not purchase to the total not purchase : 100%

5.what is the percentage of classification of both correct and wrong purchase : 0%

6. what is the percentage of classification of both correct and wrong not purchase :100%

7. what is the overall performance percentage of purchase : 0%

8.what is the overall performance percentage of not purchasing:79%

9.what is the average performance of precision :33%

10.what is the average performance of Recall :50%

11.what is the average performance of F1measure :40%

12.what is the weighted average of precision :43%

13.what is the weighted average of Recall :66%

14.what is the weighted average of F1measure : 52%