**Random Forest Classification:**

1.What is the Percentage of **Over all performance** Of the classes?

**Ans:** **Accuracy** of the Classes= 93%

2.What is the Percentage of the **Correct Classified class** of Non-Purchased class?

**Ans:** **Recall** of Non-purchased class(0) = 92%

3.What is the Percentage of the **Correct Classified** class of Purchased class?

**Ans:** **Recall** of purchased class(1) = 93%

4.What is the Percentage of the both **Correctly and wrongly** Classified class of Non-Purchased class?

**Ans:** **Precision** of Non-purchased class(0) = 96%

5. What is the Percentage of the both **Correctly and wrongly** Classified class of Purchased class?

**Ans:** **Precision** of purchased class(1) = 86%

6.What is the Percentage of **Over all performance Of Non- Purchased class**?

**Ans:** **F1-Score** of Non-purchased Class(0)= 94%

7.What is the Percentage of **Over all performance Of Purchased class**?

**Ans:** **F1-Score** of Purchased Class(1)= 89%

8.What is the Percentage of **Average Performance** of Precision for classes?

**Ans:** **Macro Average** of Precision for Classes= 91%

9.What is the Percentage of **Average Performance** of Recall for classes?

**Ans:** **Macro Average** of Recall for Classes = 93%

10.What is the Percentage of **Average Performance** of F1-score for classes?

**Ans:** **Macro Average** of F1-score for Classes = 92%

8.What is the Percentage of **Proportion** of Precision for each Classes?

**Ans:** **Weighted Average** of Precision for each Class = 93%

9.What is the Percentage of **Proportion** of Recall for each classes?

**Ans:** **Weighted Average** of Recall for Classes = 93%

10.What is the Percentage of **Proportion** of F1-score for each classes?

**Ans:** **Weighted Average** of Recall for Classes = 93%

11.What is the **count of Non-purchased** data in the test data set?

**Ans:** **Support** = 79

12. What is the **count** of purchased data in the test data set?

**Ans:** Support = 41

13. What is the **count** of Accuracy data in the test data set?

**Ans:** Support = 120

14. What is the **count** of Macro Average data in the test data set?

**Ans:** Support = 120

15. What is the **count** of Weighted Average data in the test data set?

**Ans:** Support = 120