**DecisionTree Classification:**

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

**Ans:** **Accuracy** of the Classes= 88%

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) = 80%

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

**Ans:** **Precision** of Non-purchased class(0) = 90%

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

**Ans:** **Precision** of purchased class(1) = 85%

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

**Ans:** **F1-Score** of Non-purchased Class(0)= 91%

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

**Ans: F1-Score** of Purchased Class(1)= 83%

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

**Ans:** **Macro Average** of Precision for Classes= 87%

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

**Ans:** **Macro Average** of Recall for Classes = 86%

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

**Ans:**  **Macro Average** of Recall for Classes = 87%

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

**Ans:** **Weighted Average** of Precision for each Class = 88%

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

**Ans:** **Weighted Average** Performance of Recall for each Class = 88%

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

**Ans:** **Weighted Average** of Recall for each Class = 88%

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