General Questions

1. Tell the category of model considered for the given problem statement. Explain.
2. Differentiate between regression model and classification model.
3. Can you use the classification model for more than one output?
4. Differentiate between type 1 error and type 2 error.
5. List the variables in the given problem statement
6. Give the maximum count of any one variable in the problem.
7. Are there any redundant variables in the given problem statement?
8. Identify the independent variables in the given problem statement.
9. Which of the given variables is the dependent variable?
10. Is the dependent variable categorised under binary dataset?
11. Give the count of individual variables in the output.
12. Can you perform ensemble learning during classification analysis?
13. Identify the algorithms that can be used to train the ML model for the given problem statement.
14. What do you mean by the term support?
15. Define the term accuracy.
16. Define the term recall.
17. Write the meaning of precision.
18. The overall performance of any one of the classifiers in the model is called as _____
19. Define macro averaging.
20. Define weighted average.

Classification Codes Using SVM, DT and RF

1. Give the confusion matrix for the SVM algorithm for the given problem statement.
2. The count of true positive in the model is _____
3. The count of true negative in the model is _____
4. The count of type 1 error in the model is _____
5. The count of type 2 error in the model is _____
6. Mention the accuracy of the model.
7. Tell the percentage of correct classification of the purchase.
8. Give out the percentage of correct classification of the purchase.
9. The precision of purchased value is _____
10. _____ is the precision of the not purchased dataset
11. The overall performance of purchased value is _____
12. Give the overall performance of the not purchased value.
13. The average performance of recall is _____
14. The average performance of precision is _____
15. _____ is the average performance of F1 measure
16. The weighted average of recall is _____
17. The weighted average of precision is _____
18. The weighted average of F1 measure is _____
19. Give the support values of purchased and not-purchased respectively.