

Decision Tree Classification:

1) What is the overall performance of the model for Random forest ?

$$\text{Accuracy} = 0.87$$

2) What is the correct classification of Not Purchased ?

$$\text{Recall} = 0.89$$

3) What is the correct classification of Purchased ?

$$\text{Recall} = 0.84$$

4) what is the classification of both correctly and wrongly for purchased ?

$$\text{Precision} = 0.82$$

5) what is the classification of both correctly and wrongly for Not purchased ?

$$\text{Precision} = 0.90$$