

Questions of confusion metrics of K-Nearest Neighbor reports

1. What is the overall performance of random forest?
Accuracy = 0.84
2. What is the correct classification of not purchased?
Recall = 0.88
3. What is the correct classification of purchased?
Recall = 0.75
4. What is the recall of 0?
Recall = 0.93
5. What is the precision of 1?
Precision = 0.67
6. What is the overall not purchased?
Support = 85
7. What is the sum of percentage correctly classified as not purchased and wrongly classified as not purchased in the test set?
Precision = 0.83
8. What is the overall performance of purchased and not purchased
F1 measure
Purchased = 0.75
Not purchased = 0.88
9. What is the average performance of precision?
Macro avg precision = 0.84
10. What is the average performance of recall?
Macro avg recall = 0.80
11. What is the average performance of f1 measure?
Macro avg f1 measure = 0.81

12. What is the sum of product of proportion rate (weight) of precision class?

Weighted avg precision = 0.84

13. What is the sum of product of proportion rate (weight) of recall class?

Weighted avg recall = 0.84

14. What is the sum of product of proportion rate (weight) of f1 measure class?

Weighted avg recall = 0.83