Classification:

Random Forest:

1. Accuracy:
   1. What is accuracy of both purchased & not purchased of the test set?
2. Recall:
   1. What is the percentage of correct classification of purchased in the total input of purchased in test set?
   2. What is the percentage of correct classification of not-purchased in the total input of not-purchased in test set?
3. Precision:
   1. What is the percentage of correct classification of purchased to sum of correctly classified purchased and wrongly classified purchased as purchased in test set?
   2. What is the percentage of correct classification of not-purchased to sum of correctly classified not-purchased and wrongly classified not-purchased as not-purchased in test set?
4. F1 – Measure
   1. What is the overall performance of the purchase?
   2. What is the overall performance of the not-purchase?
5. Macro-Average
   1. What is the overall performance of the precision of correctly and wrongly classified?
   2. What is the overall performance of the recall of correctly and wrongly classified?
   3. What is the overall performance of the f1-measure correctly and wrongly classified?
6. Weighted Average:
   1. What is the sum of proportion rate of each classification of precision?
   2. What is the sum of proportion rate of each classification of recall?
   3. What is the sum of proportion rate of each classification of f1-measure?
7. What is the Accuracy of correct classification?
8. What is the correct classification of purchased and not purchased?
9. How many correct predictions out of all predictions of purchased and not purchased?
10. What is the overall performance of Purchased and not purchased (f1 score)
11. Macro-Average
    1. What is the overall performance of the precision of correctly and wrongly classified?
    2. What is the overall performance of the recall of correctly and wrongly classified?
    3. What is the overall performance of the f1-measure correctly and wrongly classified?
12. Weighted Average:
    1. What is the sum of proportion rate of each classification of precision?
    2. What is the sum of proportion rate of each classification of recall?
    3. What is the sum of proportion rate of each classification of f1-measure?