**Random Forest**

**Social Network Ads Problem Statement**

1, What is overall performance or accuracy percentage of classification problem statement in RF?

Accuracy-92%

2, What is the percentage of correct classified of not purchased classifier?

Recall-94%

3, What is the percentage of correctly and wrongly classified of purchased classifier?

Precision-88%

4, What is the overall performance of the purchased classifier?

F1-measure:88%

5) What is the average performance of correctly & wrongly classified?

Macro average-precision:91%

6) What is the proportion rate of correctly classified?

Weight average-recall:92%

**Decision Tree**

**Social Network Ads Problem Statement**

1, What is overall performance or accuracy percentage of classification problem statement in DT?

Accuracy-90%

2, What is the percentage of correct classified of not purchased classifier?

Recall-94%

3, What is the percentage of correctly and wrongly classified of purchased classifier?

Precision-87%

4, What is the overall performance of the purchased classifier?

F1-measure:85%

5) What is the average performance of correctly & wrongly classified?

Macro average-precision:89%

6) What is the proportion rate of correctly classified?

Weight average-recall:90%