

Questions			Answers of Different Algorithms					
Sr. No.	Non Technical Question	Technical Question	Random Forest	Decision Tree (Best Algorithm For This Dataset)	SVM	Logistic Regression	KNN	Naive Bayes
1	What is the overall model performance	What is the overall accuracy of the model	0.89	0.91	0.79	0.66	0.83	0.89
2	What is the correct performance of purchased	What is the recall of 1	0.85	0.93	0.44	0	0.68	0.83
3	What is the correct performance of not purchased	What is the recall of 0	0.91	0.9	0.97	1	0.91	0.94
4	What is the correct and incorrect performance of purchased	What is the precision of 1	0.83	0.83	0.9	0	0.8	0.87
5	What is the correct and incorrect performance of not purchased	What is the precision of 0	0.92	0.96	0.77	0.66	0.85	0.93
6	What is the overall performance of purchased	What is the F1 Measure of 1	0.84	0.87	0.59	0	0.74	0.84
7	What is the overall performance of not purchased	What is the F1 Measure of 0	0.92	0.93	0.86	0.79	0.88	0.92
8	What is the average performance of correctly and wrongly classified	What is the average performance of Precision/ Macro Average of Precision	0.88	0.89	0.83	0.33	0.82	0.89
9	What is the average performance of correctly classified	What is the average performance of Recall/ Macro Average of Recall	0.88	0.91	0.71	0.5	0.8	0.87
10	What is the average performance of Overall Performance	What is the average performance of F1-Measure/ Macro Average of F1-Measure	0.88	0.90	0.73	0.4	0.81	0.88
11	Weighted Average for Precision	What is the sum of product of proportion rate(weight) of each class - Precision	0.89	0.91	0.81	0.43	0.83	0.89
12	Weighted Average for Recall	What is the sum of product of proportion rate(weight) of each class - Recall	0.89	0.91	0.79	0.66	0.83	0.89
13	Weighted Average for F1-Measure	What is the sum of product of proportion rate(weight) of each class - F1-Measure	0.89	0.91	0.77	0.52	0.83	0.89
14	What is the count of purchased test data	What is the support count of 1	41	41	41	41	41	41
15	What is the count of not purchased test data	What is the support count of 0	79	79	79	79	79	79
16	What is the overall test data count	What is the overall support count	120	120	120	120	120	120