

Support Vector Machine - classification_report

	precision	recall	f1-score	support
0	0.67	0.99	0.80	85
1	0.88	0.14	0.25	49
accuracy			0.68	134
macro avg	0.77	0.57	0.52	134
weighted avg	0.74	0.68	0.59	134

Questions :

What is the percentage of correct classification of both(Purchased & Not-purchased) to the total input of the test set? 63%

What is the percentage of correct classification of(Purchased) to the total input of (Purchased) in the test set? 14%

What is the percentage of correct classification of(Not-purchased) to the total input of (Not-purchased) in the test set? 99%

What is the percentage of correct classification of (Not-purchased) to sum of correctly Classified as (Not-purchased) and wrongly classified as (Not-purchased) in the test set? 67%

What is the percentage of correct classification of (Purchased) to sum of correctly Classified as (Purchased) and wrongly classified as (Purchased) in the test set? 88%

What is the overall performance of Not-purchased? 80%

What is the overall performance of purchased? 25%

What is the average performance of Precision(correctly and wrongly classified) 77%

What is the average performance of Recall(correctly classified) 57%

What is the average performance of F1-Measure(overall performance) 52%

What is the sum of product of proportion rate(Weight) of Precision? 74 %

What is the sum of product of proportion rate(Weight) of Recall? 68%

What is the sum of product of proportion rate(Weight) of F1-Measure? 59%