

### Decision Tree - classification\_report

	precision	recall	f1-score	support
0	0.90	0.89	0.90	85
1	0.82	0.84	0.83	49
accuracy			0.87	134
macro avg	0.86	0.87	0.86	134
weighted avg	0.87	0.87	0.87	134

Questions :

What is the percentage of correct classification of both(Purchased & Not-purchased) to the total input of the test set? 87%

What is the percentage of correct classification of(Purchased) to the total input of (Purchased) in the test set? 84%

What is the percentage of correct classification of(Not-purchased) to the total input of (Not-purchased) in the test set? 89%

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? 90%

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? 82%

What is the overall performance of Not-purchased? 90%

What is the overall performance of purchased? 83%

What is the average performance of Precision(correctly and wrongly classified) 86%

What is the average performance of Recall(correctly classified)87%

What is the average performance of F1-Measure(overall performance)86%

What is the sum of product of proportion rate(Weight) of Precision? 87%

What is the sum of product of proportion rate(Weight) of Recall? 87%

What is the sum of product of proportion rate(Weight) of F1-Measure? 87%