

SVM classification Assignment:

	precision	recall	f1-score	support
0	0.76	0.96	0.85	85
1	0.88	0.47	0.61	49
accuracy			0.78	134
macro avg	0.82	0.72	0.73	134
weighted avg	0.81	0.78	0.76	134

- 1) What is the percentage of correct classification of both purchased and not purchased to the total input of the test set?

Accuracy = 0.78 = 78%

- 2) What is the correct prediction of purchased from the overall specific purchased input in test set?

Recall of purchased(1) = 0.47

- 3) What is the correct prediction of not purchased from the overall specific not purchased input in test set?

Recall of purchased(0) = 0.96

- 4) what is the percentage of correct classification of purchased to the sum of correctly classified purchased and wrongly classified purchased in the test set?

Precision of purchased(1) = 0.88 = 88%

- 5) what is the percentage of correct classification of not purchased to the sum of correctly classified not purchased and wrongly classified not purchased in the test set?

Precision of purchased(0) = 0.76 = 76%

- 6) what is the overall performance of purchased?

F1-Measure of purchased(1) = 0.61

- 7) what is the overall performance of not purchased?

F1-Measure of not purchased(0) = 0.85

- 8)