

Support Vector Machine

Accuracy

What is the Percentage of correct classification of both (Purchased & Not Purchased) to the total input of the test set?

0.98

Recall

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

0.97

What is the percentage of correct classification of (Not Purchased) to the total input of (Not Purchased) in the test set?

1.00

Precision

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

1.00

What is the percentage of correct classification of (Not Purchased) to the sum of correctly classified as (Not Purchased) and wrongly classified as (Not Purchased) in the test set?

0.96

F1 score

What is the overall performance of Purchased?

0.99

What is the overall performance of Not Purchased?

0.98

Macro Average

Precision:

What is the average performance of precision (correctly and wrongly classified)?

0.98

Recall:

What is the average performance of precision (correctly and wrongly classified)?

0.99

F1-Measure:

What is the average performance of precision (correctly and wrongly classified)?

0.98

Weighted Average

Precision:

What is the sum of the product of proportion rate (weight) of each class?

0.98

Recall:

What is the sum of the product of proportion rate (weight) of each class?

0.98

F1-Measure:

What is the sum of the product of proportion rate (weight) of each class?

0.98