Accuracy:

What is the accuracy of correct classification of both purchased and not purchased?

= T(purchased)+T(not Purchased)

T(purchased)+T(not Purchased)+F(purchased)+F(not Purchased)

=74/130=0.56

Recall:

What is the percentage of correct classification of purchased to the total input of purchased in the test set?

=T(purchased)

T(Purchased)+F(Purchased)

=39/39+34 = 0.53

What is the percentage of correct classification of not purchased to the total input of purchased in the test set?

=T(not Purchased)

T(purchased)+F(purchased)

=25/39+34 =0.34

Precision:

What is the percentage of correct classification and wrongly classify in the test set?

=T(purchased

T(Purchased)+F(not Purchased)

=39/39+22 =0.63

F1 score

What is the overall performance of the purchased

= 2\* Recall\*Precision

Recall+Precision

=2\* 53\*63 =

53+63

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

=Precision(purchased)+precision(not purchased)

2

What is the average performance of Recall

=Recall(Purchased)+Recall(not Purchased)

2

What is the average performance of F1 measure

= F1(Purchased)+F2(not Purchased)

2

What is the sum of the product of weighted average

Precision (purchased)\*