

mands + Code + Text ▶ Run all

```
[39] ✓ 0s ▶ Y_pred = model.predict(X_test)
print(confusion_matrix(Y_test, Y_pred))
print(classification_report(Y_test, Y_pred))
```

▼ ...

```
[[9 2]
 [3 7]]
```

	precision	recall	f1-score	support
M	0.75	0.82	0.78	11
R	0.78	0.70	0.74	10
accuracy			0.76	21
macro avg	0.76	0.76	0.76	21
weighted avg	0.76	0.76	0.76	21

```
training_data_accuracy = accuracy_score(X_train_prediction, Y_train)
```

```
#accuracy print
print('Accuracy on training data : ', training_data_accuracy)
```

Accuracy on training data : 0.8342245989304813

```
▶ #Accuracy on test data
X_test_prediction = model.predict(X_test)
test_data_accuracy = accuracy_score(X_test_prediction, Y_test)
print('Accuracy on test data : ', test_data_accuracy)
```

... Accuracy on test data : 0.7619047619047619