


```
classifier = KNeighborsClassifier(n_neighbors=5)
classifier.fit(x_train, y_train)
```




▼ KNeighborsClassifier


KNeighborsClassifier()

```
y_pred=classifier.predict(x_test)
```

```
print('Confusion Matrix')
```


 Confusion Matrix

```
print(confusion_matrix(y_test,y_pred))
```




```
[[16  0  0]
 [ 0 14  1]
 [ 0  0 14]]
```

```
print('Accuracy Metrics')
```

 Accuracy Metrics

```
print(classification_report(y_test,y_pred))
```



	precision	recall	f1-score	support
0	1.00	1.00	1.00	16
1	1.00	0.93	0.97	15
2	0.93	1.00	0.97	14
accuracy			0.98	45
macro avg	0.98	0.98	0.98	45
weighted avg	0.98	0.98	0.98	45