```
from sklearn.linear_model import LogisticRegression
from sklearn.model_selection import train_test_split
from sklearn.datasets import make_blobs
# create a synthetic dataset
X, y = make_blobs(random_state=0)
# split data and labels into a training and a test set
X_train, X_test, y_train, y_test = train_test_split(X, y, random_state=0)
# instantiate a model and fit it to the training set
logreg = LogisticRegression().fit(X_train, y_train)
# evaluate the model on the test set
print("Test set score: {:.2f}".format(logreg.score(X_test, y_test)))
```

```
Test set score: 0.88
```

```
from sklearn.model_selection import train_test_split
from sklearn.datasets import make_blobs
from sklearn.linear_model import LogisticRegression
from sklearn.metrics import accuracy_score
X, y = make_blobs(random_state=0)
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.33, random_state=42)
clf_model= LogisticRegression()
clf_model.fit(X_train, y_train)
y_pred = clf_model.predict(X_test)
print("Accuracy: ", accuracy_score(y_test, y_pred))
```

```
Accuracy:  0.9393939393939394
```