```
from sklearn.linear_model import LogisticRegression

from sklearn.metrics import accuracy_score, confusion_matrix
```

```
model = LogisticRegression()
model.fit(x_train, y_train)


y_pred = model.predict(x_test)


accuracy = accuracy_score(y_test, y_pred)
print("Accuracy:", accuracy)
```

```
conf_matrix = confusion_matrix(y_test, y_pred)


plt.figure(figsize=(8, 6))
sns.heatmap(conf_matrix, annot=True, fmt="d", cmap="Blues")
plt.title("Confusion Matrix")
plt.xlabel("Predicted")
plt.ylabel("Actual")
plt.show()
```