In [1]:
```
from sklearn.datasets import load_breast_cancer
from sklearn.model_selection import train_test_split
from sklearn.naive_bayes import GaussianNB
from sklearn.metrics import accuracy_score, classification_report
```

In [2]:
```
# Load Breast Cancer dataset
data = load_breast_cancer()
X = data.data
y = data.target
```

In [3]:
```
# Split dataset into train and test sets
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2, random_state=42
```

In [4]:
```
# Initialize Naive Bayes classifier
clf = GaussianNB()
```

In [5]:
```
# Train the classifier
clf.fit(X_train, y_train)
```

Out[5]:
```
▼ GaussianNB
GaussianNB()
```

In [6]:
```
# Make predictions on test data
y_pred = clf.predict(X_test)
```

In [7]:
```
# Calculate accuracy
accuracy = accuracy_score(y_test, y_pred)
print("Accuracy:", accuracy)
```

```
Accuracy: 0.9736842105263158
```

In [8]:
```
# Display classification report
print("\nClassification Report:")
print(classification_report(y_test, y_pred, target_names=data.target_names))
```

```
Classification Report:
              precision    recall  f1-score   support

   malignant       1.00      0.93      0.96        43
      benign       0.96      1.00      0.98        71

    accuracy                           0.97       114
   macro avg       0.98      0.97      0.97       114
weighted avg       0.97      0.97      0.97       114
```

In [ ]:
```
```