```
import numpy as np
import pandas as pd
from sklearn.model_selection import train_test_split
from sklearn.naive_bayes import GaussianNB
from sklearn.metrics import confusion_matrix, accuracy_score, classification_report
# Step 1: Create a simple dataset
data = {
  'HoursStudied': [1, 2, 2, 3, 3, 4, 4, 5, 6, 6, 7, 8],
  'Attendance': [30, 40, 50, 45, 60, 70, 75, 80, 85, 90, 95, 100],
  'Pass': [0, 0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1]
}
df = pd.DataFrame(data)
# Step 2: Separate features and label
X = df[['HoursStudied', 'Attendance']]
y = df['Pass']
# Step 3: Train-test split
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.3, random_state=1)
# Step 4: Train Naive Bayes Classifier
model = GaussianNB()
model.fit(X_train, y_train)
# Step 5: Predict on test data
y_pred = model.predict(X_test)
# Step 6: Evaluation
conf_matrix = confusion_matrix(y_test, y_pred)
acc = accuracy_score(y_test, y_pred)
```