```python
# Importing necessary libraries
from sklearn.ensemble import AdaBoostClassifier
from sklearn.model_selection import train_test_split
from sklearn import datasets
from sklearn.metrics import accuracy_score

# Load the Iris dataset
iris = datasets.load_iris()

# Split the dataset into features (X) and labels (y)
X = iris.data
y = iris.target

# Splitting the dataset into training and testing sets
X_train, X_test, y_train, y_test = train_test_split(X, y,
test_size=0.3, random_state=42)

# Initialize AdaBoost classifier
adaboost_clf = AdaBoostClassifier(n_estimators=50, random_state=42)

# Train the AdaBoost classifier
adaboost_clf.fit(X_train, y_train)

# Make predictions on the test set
y_pred = adaboost_clf.predict(X_test)

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

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Accuracy: 1.0
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