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Assignment-4

```
from sklearn.linear_model import LogisticRegression
model = LogisticRegression()
model.fit(X_train, y_train) # X_train contains your training data, y_train is the target variable
```

```
from sklearn.tree import DecisionTreeClassifier
model = DecisionTreeClassifier()
model.fit(X_train, y_train)
```

```
from sklearn.ensemble import RandomForestClassifier
model = RandomForestClassifier()
model.fit(X_train, y_train)
```

```
from sklearn.metrics import accuracy_score
y_pred = model.predict(X_test) # X_test contains your test data
accuracy = accuracy_score(y_test, y_pred) # y_test is the actual target variable for the test data
print("Accuracy:", accuracy)
```

