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In [1]: import numpy as np
    from sklearn import datasets
    from sklearn.ensemble import AdaBoostClassifier
    from sklearn.tree import DecisionTreeClassifier
    from sklearn.linear_model import LogisticRegression
    from sklearn.model_selection import train_test_split
```

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In [2]: # Load wine dataset
    data = datasets.load_wine()
    # Separate dependetn and independent variables
    X, y = np.array(data['data']),np.array(data['target'])

# Split taining and test data
    X_train,X_test,y_train,y_test = train_test_split(X,y,test_size=0.3, random_state = 0)

# Create a classifier and fir it to training data
    clf = AdaBoostClassifier(base_estimator=LogisticRegression(),learning_rate = 0.1, random_state = 0)
    clf.fit(X_train, y_train)
```

In [3]: # Calculate accuracy
print("Accuracy =", clf.score(X\_test, y\_test)\*100)

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