

Scikit-Learn API for classification and regression

- API: application programming interface

```
from some_package import ClassifierA, RegressorB
```

```
modelA=ClassifierA(set some hyper-parameters)
```

```
modelA.fit(X_train, Y_train) # find the optimal parameters on training set  
                             trainable-parameters
```

```
Y_pred = modelA.predict(X_new) # test on validation/testing/new set
```

```
modelA.score(X, Y) # different meaning for classifiers and regressors
```

We may use other evaluation metrics (confusing matrix, MSE, MAE, etc)