10 Popular classification methods

Logistic Regression

```
from sklearn.linear_model import LogisticRegression
```

Support Vector Machine

```
from sklearn.svm import SVC
```

Naive Bayes (Gaussian, Multinomial)

```
from sklearn.naive_bayes import GaussianNB
from sklearn.naive_bayes import MultinomialNB
```

Stochastic Gradient Descent Classifier

```
from sklearn.linear_model import SGDClassifier
```

KNN (k-nearest neighbor)

```
from sklearn.neighbors import KNeighborsClassifier
```

Decision Tree

```
from sklearn.tree import DecisionTreeClassifier
```

Random Forest

```
from sklearn.ensemble import RandomForestClassifier
```

Gradient Boosting Classifier

```
from sklearn.ensemble import GradientBoostingClassifier
```

LGBM Classifier

```
from lightgbm import LGBMClassifier
```

XGBoost Classifier

```
from xgboost.sklearn import XGBClassifier
```

10 popular regression methods

Linear Regression

```
from sklearn.linear_model import LinearRegression
```

LGBM Regressor

```
from lightgbm import LGBMRegressor
```

XGBoost Regressor

```
from xgboost.sklearn import XGBRegressor
```

CatBoost Regressor

```
from catboost import CatBoostRegressor
```

Stochastic Gradient Descent Regression

```
from sklearn.linear_model import SGDRegressor
```

Kernel Ridge Regression

```
from sklearn.kernel_ridge import KernelRidge
```

Elastic Net Regression

```
from sklearn.linear_model import ElasticNet
```

Bayesian Ridge Regression

```
from sklearn.linear_model import BayesianRidge
```

Gradient Boosting Regression

```
from sklearn.ensemble import GradientBoostingRegressor
```

Support Vector Machine

```
from sklearn.svm import SVR
```