

### Pre-processing

sklearn.preprocessing.StandardScaler  
sklearn.preprocessing.Imputer  
sklearn.preprocessing.LabelBinarizer  
sklearn.preprocessing.OneHotEncoder  
sklearn.preprocessing.PolynomialFeatures

### Metric

sklearn.metrics.accuracy\_score  
sklearn.metrics.log\_loss  
sklearn.metrics.roc\_auc\_score  
sklearn.metrics.mean\_absolute\_error  
sklearn.metrics.r2\_score  
sklearn.metrics.label\_ranking\_loss  
sklearn.metrics.mutual\_info\_score

### Model Selection

sklearn.model\_selection.KFold  
sklearn.model\_selection.StratifiedKFold  
sklearn.model\_selection.TimeSeriesSplit  
sklearn.model\_selection.train\_test\_split  
sklearn.model\_selection.GridSearchCV  
sklearn.model\_selection.RandomizedSearchCV  
sklearn.model\_selection.cross\_val\_score

### Regression

sklearn.tree.DecisionTreeRegressor  
sklearn.svm.SVR  
sklearn.linear\_model.Linear Regression  
sklearn.linear\_model.Lasso  
sklearn.linear\_model.SGDRegressor  
sklearn.linear\_model.ElasticNet  
sklearn.ensemble.RandomForest Regressor  
sklearn.ensemble.GradientBoosting Regressor  
sklearn.neural\_network.MLPRegressor

### Classification

sklearn.neural\_network.MLPClassifier  
16. sklearn.tree.DecisionTreeClassifier  
sklearn.svm.SVC  
sklearn.linear\_model.Logistic Regression  
sklearn.linear\_model.SGDClassifier  
sklearn.naive\_bayes.GaussianNB  
sklearn.neighbors.KNeighbors Classifier  
sklearn.ensemble.RandomForestClassifier  
sklearn.ensemble.GradientBoosting Classifier

### Clustering

sklearn.cluster.KMeans  
sklearn.cluster.DBSCAN  
sklearn.cluster.AgglomerativeClustering  
sklearn.cluster.SpectralBiclustering

### Miscellaneous

sklearn.datasets.load\_boston  
sklearn.datasets.make\_classification  
sklearn.feature\_extraction.FeatureHasher  
sklearn.feature\_selection.SelectKBest  
sklearn.pipeline.Pipeline  
sklearn.semi\_supervised.LabelPropagation

### Dimensionality Reduction

sklearn.decomposition.PCA  
sklearn.decomposition.LatentDirichletAllocation  
sklearn.decomposition.SparseCoder  
sklearn.decomposition.DictionaryLearning

