

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

