Cheatography

Scikit Learn Cheat Sheet

by mitun via cheatography.com/142561/cs/30703/

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

klearn.decomposition.SparseCoder

sklearn.decomposition.DictionaryLearning

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