ML Supervised Learning Concepts

-Thiyaneshwaran G Data Scientist | Data Analyst

Error Hypothesis
Logistic Regression K Value Conditional ProbabilityPCA
Prequency Distribution Table

Time Series Global Minima ARIMA PACF

Lasso intertia Encoding Optimum Naïve Bayes

Ridge f1 score Specificity Sensitivity precision Loss Function Cost Function
Searching Probability KNN Sigmoid Function p,d,q OOB score HomoScalacity Stationary Min Max Scalar Stumps VIF Root Node Robust Scalar Odds Co relation matrix Outlier Post Probability White Nosie accuracy Univarite Analysis Decision tree Regularisation fitThreshold Aggregation Meta Learner elastic TestInformation Gain InterceptElbow CurveTrend Feature Engineering Mean uniform distribution Bagging Observation Coefficient of Variance MAE True Negative Rate Penalty Amount of Say Hyper Plane Fit transform Hinge loss Leaf Matplot lib Decomposition Model SMA Infinite Dimenion Eigen Vector Exponential Mean Scikit Coefficient of Determination Slope Goodness of FitMinkowski distance formula EMA Stacking Regressor Randomised Search Ensemble Standard Deviation Regression Pandas Support vector classifier Decision Node Singular Value Decomposition Binary Cross Entropyn-jobs Radial Basis Function (RBF) numpySupport Vector Machine Hard Margin classifier Auto Regression Maximum Margin Calssifier .pklSoft Margin Classifier Auto Correlation Factor Categorical Cross Entropy recall Smoothing MethodsEDA min sample splitinit Kernel Function Non Stationary Range Entropykmeans++Hyper parameter Misclassification 12 Descriptive Stats n_estimators Manual Search Voting classifier Sampling transform WMA Random Forest Euclidean Distance Base Learner Max features Confusion Matrix Variance Bi Variate Analysis Assumption SSE Standard Scalar True Positive Rate RandomnessTrain ${\tt Local\,minima}\, Multi\, Collinearity\,\, Cross\, validation {\tt SSR} Grid\,\, Search\,\,\, \underline{Min\,\, sample\,\, leaf} Moving\,\, Average$ Overfitting XGBoost
Linear Regression

Gini Index Heteroscalacity Max depth Learning Rate Log Loss
Linear Regression

Max depth Learning Rate Log Loss

Gradient Descent Bias Variance Best fit line

Randomness Train

Margin Standard Deviation

Margin Standard Deviation

Margin Standard Deviation

Margin Standard Deviation Label Encoding Boosting Gini Index Heteroscalacity Max depth Learning Rate Log Loss Seasonality Index Trade off