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COURSE: MACHINE LEARNING

ASSIGNMENT: PWH2_LAB

BestCluster

BestClassifi(BestCluster(X, scalers, encoders, models, params_dict)

BestClassifier:

Find the best combination of scaler, encoder, fitting algorithm
print best score and best combination

Parameters

X: DataFrame

Attributes
Scalers   :
[StandardScaler(), MinMaxScaler(), MaxAbsScaler(), RobustScaler()]
 if you want to scale other ways, then put the sclaer in list

 Encoders
  [OrdinalEncoder(), OneHotEncoder(),SVC(),]
    if you want to use only one, put a encoder in list

  Models

[DecisionTreeClassifier(criterion='entropy'),DecisionTreeClassifier(criterion='gini') ,LogisticRegression(),SVC()]
 if you want to fit other ways, then put the model in the list