cross validation ML project

GUVI

1.cross validations

iteration:

kfold	⌄

1.2 kfold:

LogisticRegression()

Cross Validation Scores: [0.62295082 0.64285714 0.75175644 0.7704918 0.65650645]

Average CV Score: 0.6889125307840354

Number of CV Scores used in Average: 5

KNeighborsClassifier()

Cross Validation Scores: [0.55503513 0.55620609 0.55854801 0.54566745 0.59671747]

Average CV Score: 0.5624348284467824

Number of CV Scores used in Average: 5

SVC()

Cross Validation Scores: [0.61709602 0.62997658 0.60070258 0.61358314 0.64947245]

Average CV Score: 0.622166152798636

Number of CV Scores used in Average: 5

DecisionTreeClassifier()

Cross Validation Scores: [0.96721311 0.97306792 0.98360656 0.9765808 0.97538101]

Average CV Score: 0.9751698784562544

Number of CV Scores used in Average: 5

RandomForestClassifier()

Cross Validation Scores: [0.97423888 0.98009368 0.98594848 0.97423888 0.96951934]

Average CV Score: 0.9768078499633474

Number of CV Scores used in Average: 5

AdaBoostClassifier()

Cross Validation Scores: [0.96721311 0.97189696 0.97306792 0.96135831 0.96600234]

Average CV Score: 0.9679077288863386

Number of CV Scores used in Average: 5

GradientBoostingClassifier()

Cross Validation Scores: [0.97306792 0.98126464 0.98594848 0.98126464 0.96600234]

Average CV Score: 0.9775096024226384

Number of CV Scores used in Average: 5