16/04

RANDOM FOREST CLASSIFIER

using salat-learn Implement the Random Forest Classifier RandomForest Clanefier import obleam. insumble for load - iri okleam. dataeds import from import pain - test-optiv. othern. model - pletin firm obliam medrie import accuracy - sure. from data = load - ioro () X = data. data y = data. target. X- Train, X- test, y- train, y-test = Train-test-plu (Xy, test-1820 = 0.3) of-danifier = Randomforest Classifier (n-estimation = 100, random_state = 42). of lamifier of it (x-train, y-train) y-pred = rf-clamifier. predict (x-tex) accuracy = accuracy-num (y-test y-prot) print (f" Accurry: Kacurry: .4f3"). 5000

Pr. What is the text accuracy scare and confision matrix of the classifier you show and using how many trus?

Mr. Bust Arened accuracy scare = 1.00 (100-1-)

Reflect accuracy was achieved using number of tree

1. estimators: 1.

Confusion motion.

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