Implement Clarifier Using Ex-2 31/4/25 Open Source Dataset Aim To implement a danifier wing open source data set Algorithm: * lood ORIS Latacet * Split dataset into training and over being * Preprocus data if necessary, * Train a K-NH classifier on training + Product class labels on the data. * Evaluate clanifier. Sojetine: 1.200 acc. - 3 1 extood errs dotaset of 8 plit the dataset => Preprover ung Standard Sodan of Frain a KNN => Predict dans bluels => Evaluate the danifar

PSEUDO CODE:

=> BECHN

COAD IRIS DATA SET
Split the dotaect

Rnitialize K-NH with K reighbors

Frain clavifier using training set

Redict class labels on test data

Compute accuracy of models

Print accuracy

END.

Code: dom sklom dotacets import lood-iris from Alban model solution import train-test-split from sklowin peopricaining import 8 tordard-Seal from uklan reighbors import to reighbors bean whom matrice import according scare iris = load iris() etab. siri ex y: iris borget k-froin, x-tect, y-froin, y-ceet: troin-test-split (x, y, test rige, = 0.2, rardom state: 42) standard scalar c) x-train = scalar. fit-branstorm (x-train) (x test = xalon hanstorm (x test) Knn = Kneighborrsdamfor (n-neighbors = 3) knn.fit (x-train, y-train) g. pried = knn, predict (x-text) accuracy: accuracy scotte (y-test, y-pred) print (acomacy) output: Acuracy: 1.0

tool has great it is etal. tog. would be spill about The second of the second to plant in roll pro cell characters Marcell Not yayma long polyson Emplementation of doublier using open source dataset is completed succesfully.









