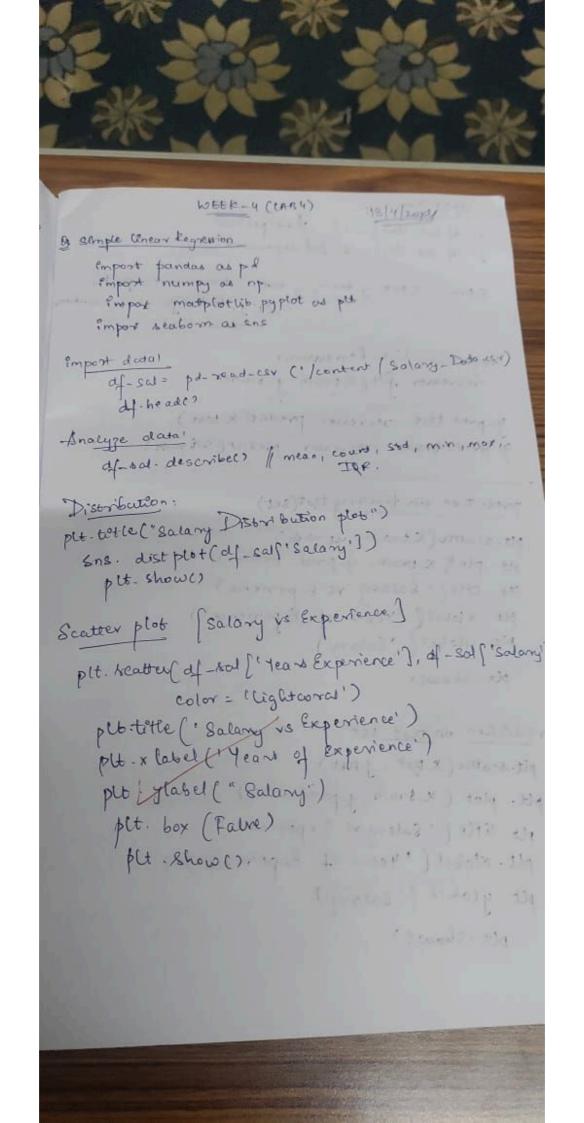
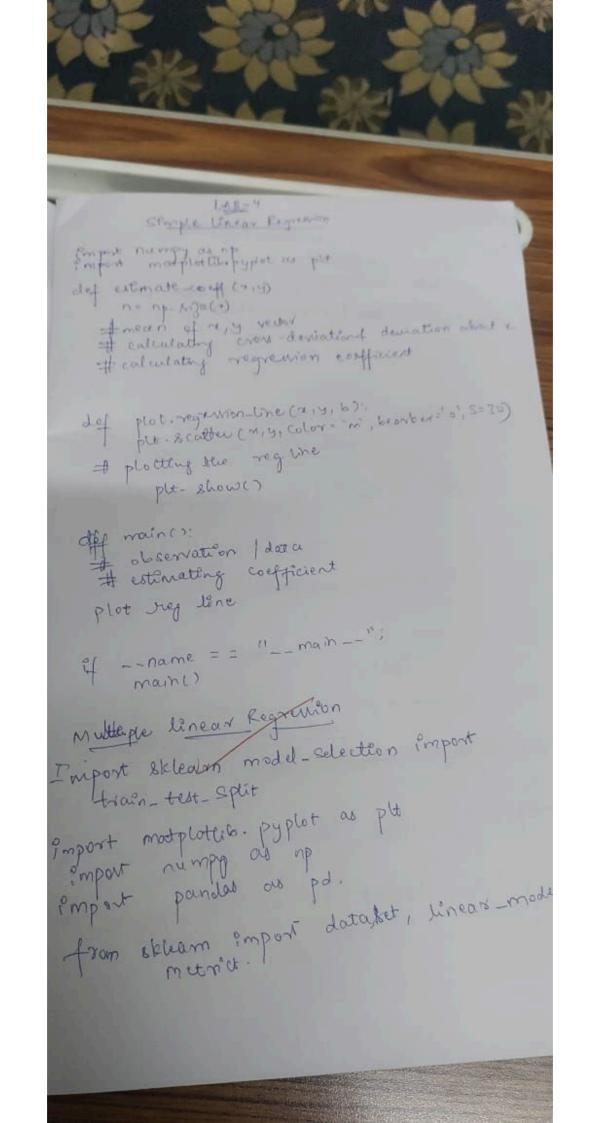
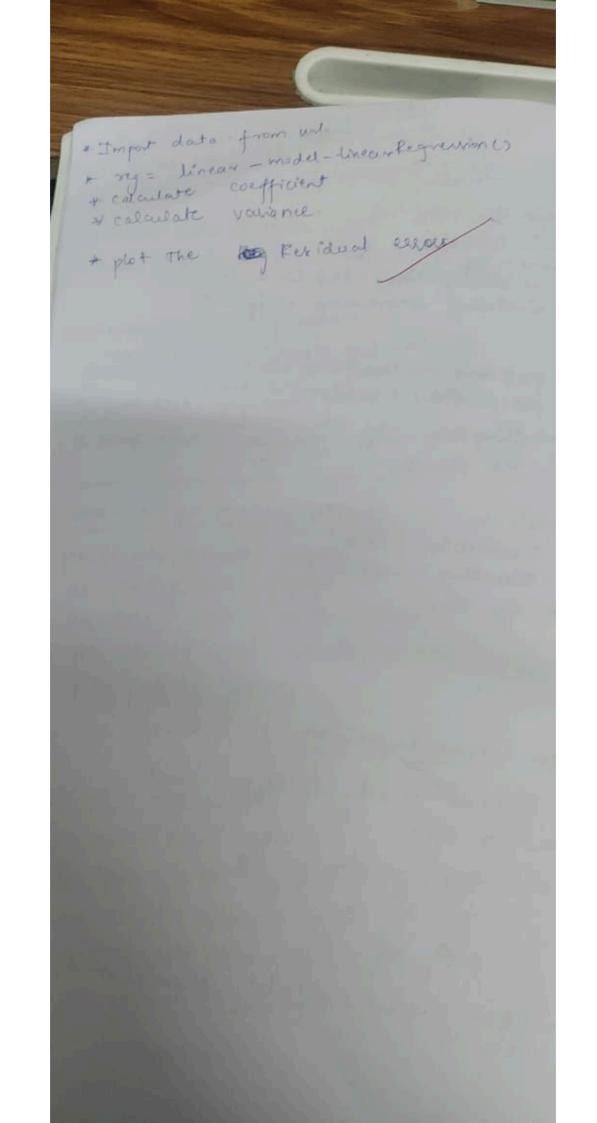


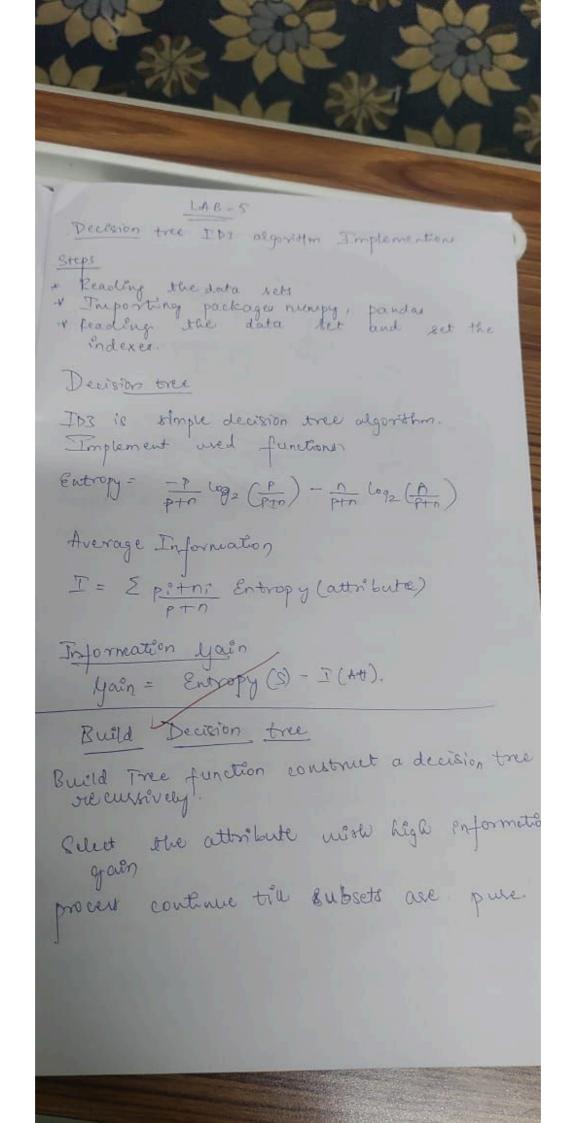
& Maintain your System. Lourch, monthor We can hat load the model with in web applicating or alternatively rurap the model around its
own API end-point and design with
component separately. 142 wide comes con on it - I stad to the last of the species I return to properly the missing to the William expenses " man promote - mon from Soun - grown of the by my saturated the heavy theo je trade policinal to Commenced - see a house of the beauty ledow dury po 7 2122 when you have the top of become really and alter one Businsepolares site Mandaning of the of motored a sing word considered to referent por short

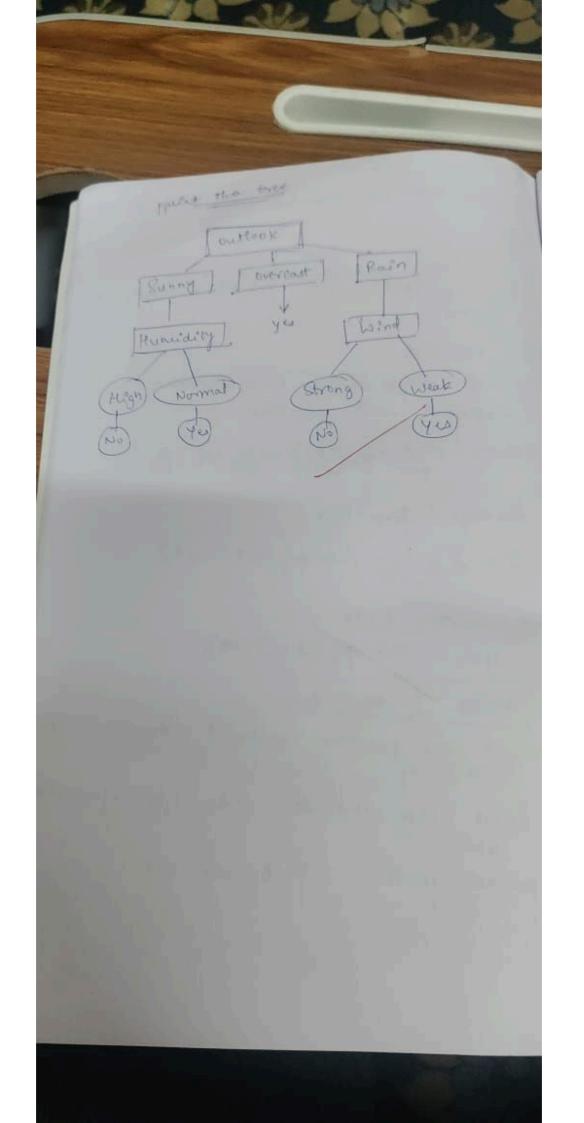


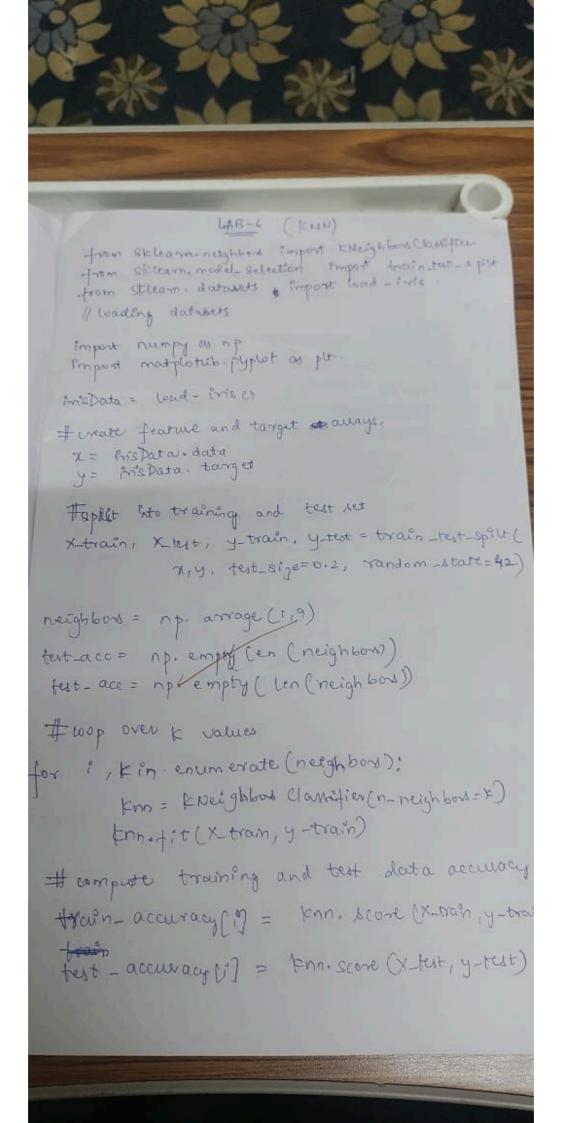
x. 21 sal. ilve [: 1] florequent Ktrain, Ktur, y-train, y-test: train_test_split(X, y, text size = 0.12, mandon state = 0) regrenor= linearlegreniones regressor. fit (x-tram, y-bram) g-pred-test = regressor - predict (x test) of fived train = regrenor: predict (x-train) prediction on training test (set) plt-scatter (Ktrain, ytrain) plt. plot(x train, y-pred-train) pet. Otte (· Salary vs Experience) plt. xlabel ('years of Experience') ptt-ylobel ('Salary') plt. Show() prediction on test let. plt-scatter (x tyt, j-test). plt. plot (xtrain, y-pred-train) plt. little (salony vs & xperience) plt-xlabel ('years of Experience') pet- yeabel (salary') pct. show ().

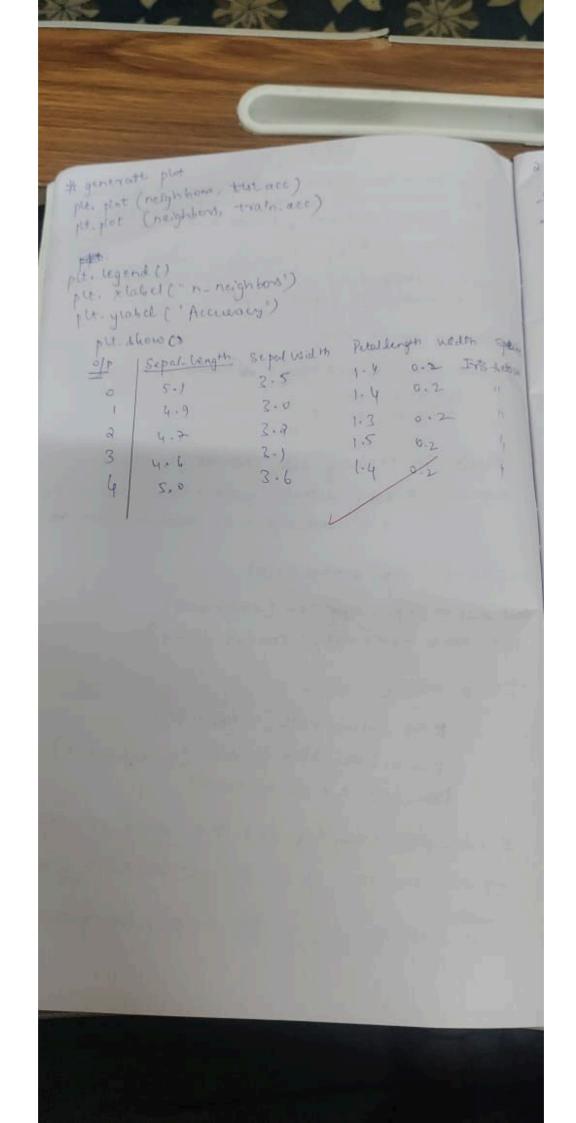


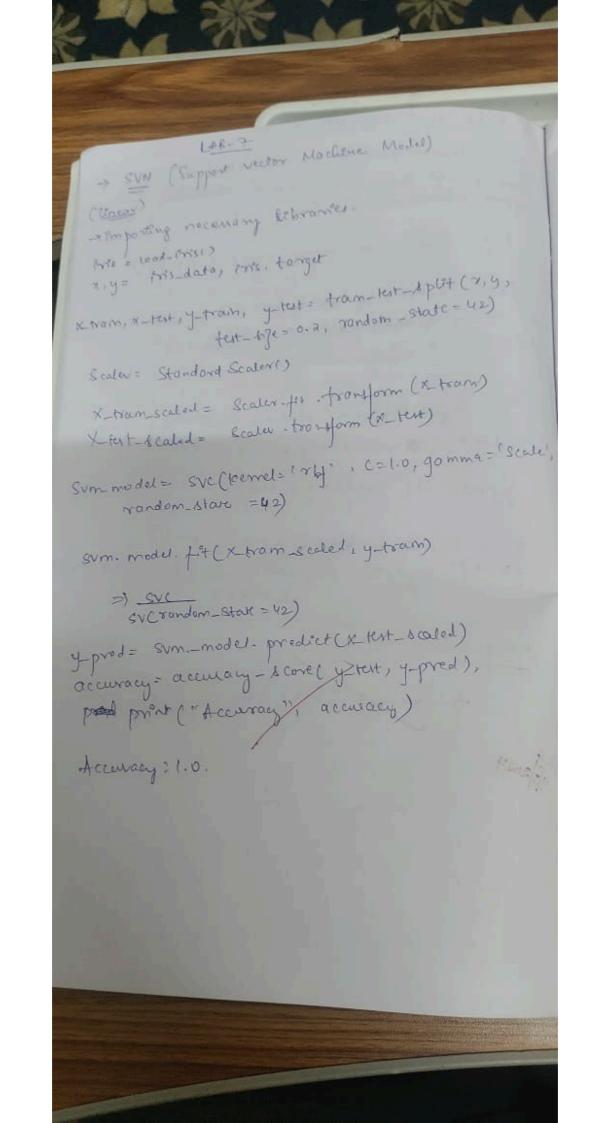


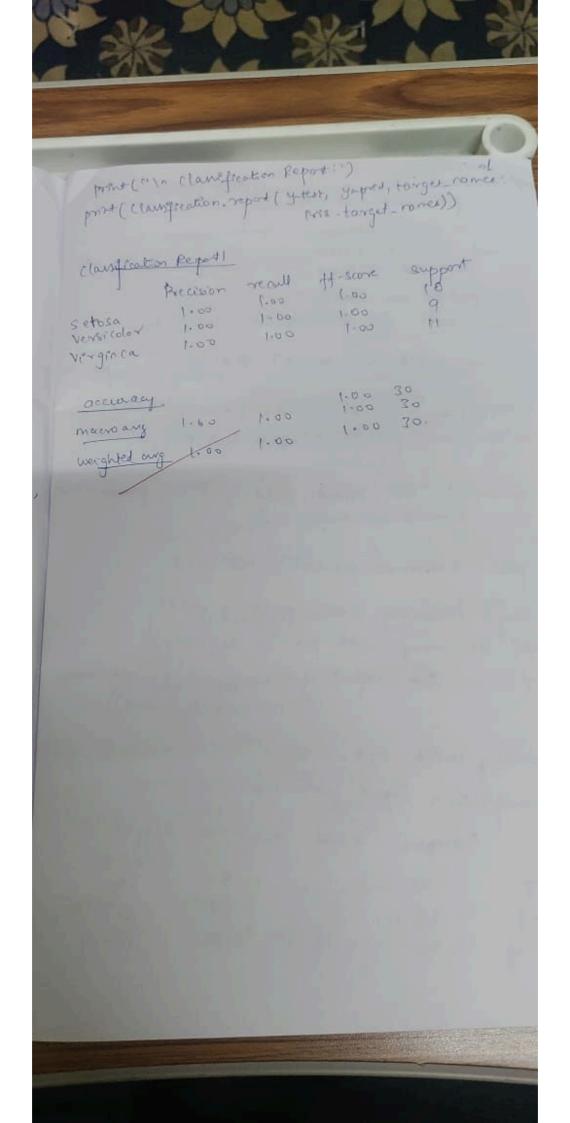




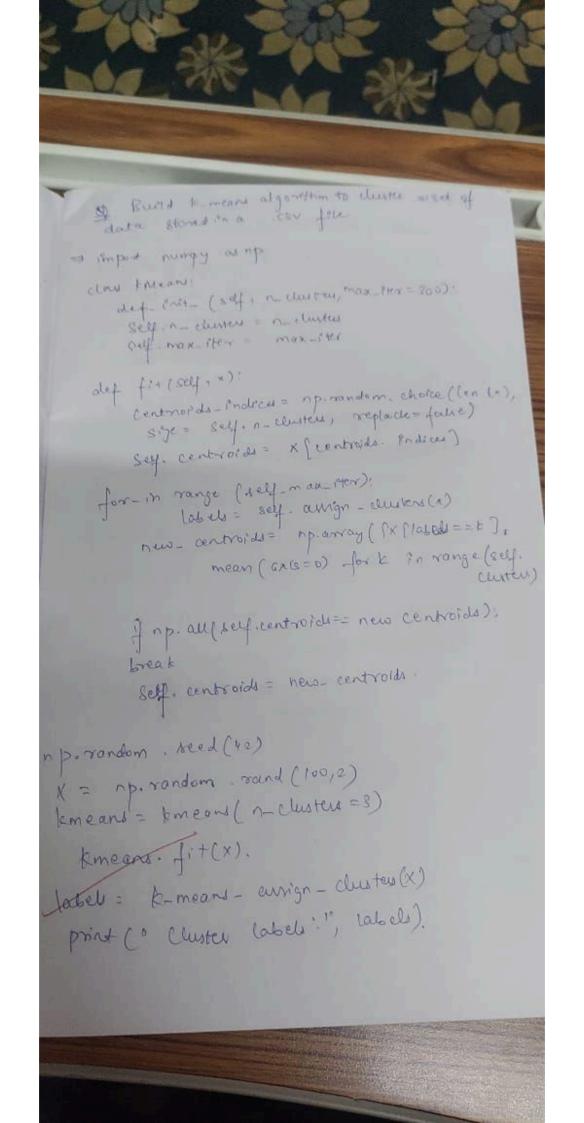


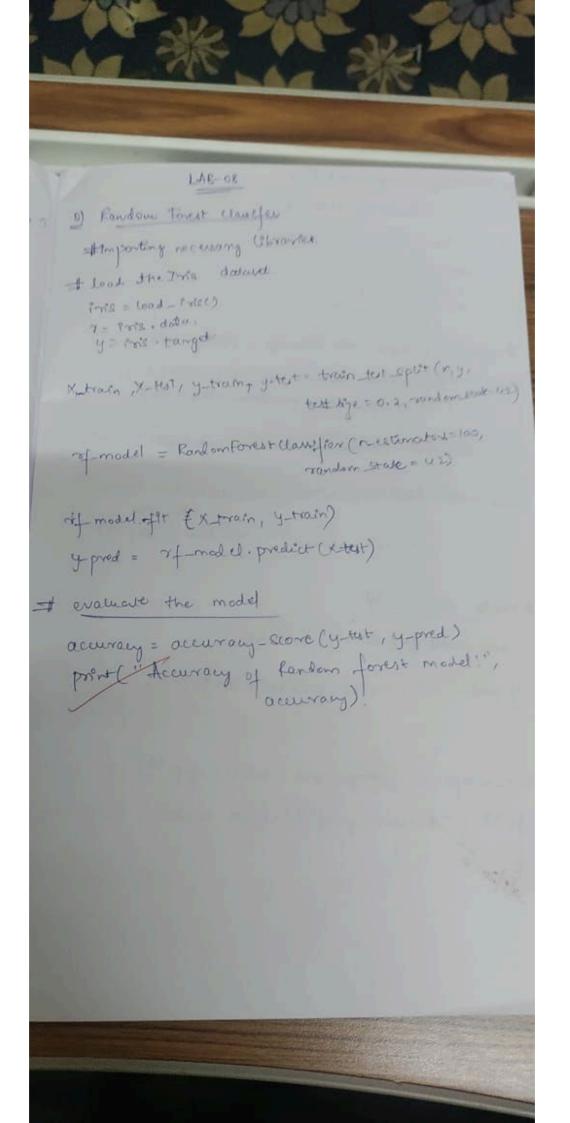






explement demonstanally reduction using method. - get the dataset puro training & testing with -> Import for c - wad the Pris dataset - preprotest the data. Apply PCA for demonstrandty Reduction Pca: PCA (neomponents) # Reduce to 2 principal component X tram-per = pea fet transform (x trom- ecoled) X test pea = pea for transform (x test - dealed) growmodel= Svc(ternel= (rbf), c=1,0, gamma='scal random state = 42) y-pred = Sum-model. predict (X-test-pea) accuracy = accuracy - Seone (y-test, y-pred) point ("Accuracy with pen:", accuracy) print (Classification - report (y-test , y-pred, target names = isis target-names)) Accuracy with Pct = 0.9 Clariffection Report with PCA! Precision real of-score Support 0.90 30 Mooy 0.90 0.90 0.90 No one 0.90 0-90 30 Wed any 0-90





a. Bulld logistic Pegresalon Model from Skleam datavets Emport load-diabetes from skicam ineasonaled import logisticlegrenion. from spicean-model-selection importion to n-test-split X, y = load - breast - concer (return - x - y = Free) X train, x-test , ly train, y-test = train-test_cput (x, x, test-size = 0.20, random stare - 23) clf = logistic Regression (random - state = 0) effit (ax-train, y-train) y-pred = clf. predict (x test) acc = accuracy - score (y-test, y-pred) print (" logistic Regresion model accurageny all + 100) (tugous) Accuracy 95.6)

