Class Name Bayes Classifier:

dy __ init _ - (self, x, y):

// initializing

dim = lm(x[o])

N= lin(x)

attri = [[] for _ in range (dim)]
output-don = {}

date = []

for I in range (x):

for j in range (7dim):

if x[i][j] is not in attracj]:
attracj] append (xCi][j])

if y(i) in output-dom. keys():

output - dom [y[i]]? 1

else out put donty [i]] +=1

date append ([X[i], y[i])

Mana Agawak (BMBCSOFZ classify (entry): Solve = 2 None man - ang = - 1 for y'in output_dom, keys (): pul 2 output don Cy]/N for (in range (dim): ctox com z [x ju n in date 4 x(0)[i]= = enty[4] and x(i) 2.2 y] hadan (ac) n , len (& caus) hud x z n/N if put man-ay: mar-ay = prot Solve 7 y return. solve. nt c : Naire Bayes Clamper (x-train, x-huri). for i in range (blat_case): predict = Nrc. classify (x-val Ci) if y-val(1) = = prioded: