Clustering Eq.7 16/09/2005.

Je unite a Python prograin for chustoding asing python and imposit never any dutaset.

code!

Propost paidas as pd. Proposed matphollib pyplod as plt from Sphaism. cluster Emposed Konsaus from Eblean puposearing Emposed Standar Imposet realowns or suy

elf = pd. read -cev (Hall - austomer - CSV) Rungous = 14 means CN-cluster = 5, roudom states

al Colustor J = 12m cours. fit - poredicted (of ['A must Fice mp (KB)

Spending Doore

distornions []

for P h songe (1,11):

en = remeans (4 = duster =1)

Tem HIL of ["annual Primare (KA)!," [[001-1] us w2 publishs

ptt. Hille (! Elbors method!) plt - xlabel ¿ (vertia) PH. ylabel (No ab dusters) from shlary meterica Propost shidoutte been brom shlaver chush import port dustoching from shlaver matpholis - pythot as plt support mups as up import pandas as pd.

A Good data,

augn = local - Win1)

x - pol-data frame (win data, coloumn= wine

feature - lames)

X-Scaled = Standard Scale () fit - transforms(x)

A Gunrato bose dustering.

bose = alustening = [] for K he £3, 4,5]

ben = Furran (h. cluster = 12. random - state Liz

Douse - dustering - append (km. fit-predicted)

Apply ensemble

ensemble - tables = apa- ememble (bent clustering)

Evaluate:
print ("841/16 ette 50000" scored))

programme facilities of program of the contraction In a Tayoy. Wastern go is grain in you by so warmy ingui Jaka france Cuit chistis 60 40 20 0 80 [] - Engratuelle - 1 and for & P. LS, 1,5] who princes of a standard - its sample and balindery - Lyl was busy go . propertuite . a red (believe - w) oldware Light - 19664 - Agricon - 19660 - Agricon Consession (Correct " Gross 9H9 al/M2") tuling : Hornbard &

PH. Hille ("Capt. amountaing duton on substances)

plt - xlabel ("PCA component (")

plt - yabel ("PCA component 2")

plt - yabel ("PCA component 2")

plt - about ("label = "cluster label")

plt - gerld (True)

plt . show ()

Tesult: Thoulong the promised powersom for dustouling how been orecuted successfully.