EX NO: 14. Implementation of Chlistering AIM To implement a k-mean dustering technique using python. (1601) () wade. 119 SOURCE CODE:import rumpy as py T 197 15 import pandas as pd. from matplotlib import pyplot as ptt. from skleam. datasets_samples-god generator Import male-bloks. x, y = male-blobs (n-sample = 50) centers = 4 vardom-state=0) wess = [.]for i in range (1, 11) k mouns = kmeans (n-duston=1 mit = 'kmear). k means : fit (x). pred-9 = knows. fit - predict (re)

Plt - scalter (kmeans duster centers [: o] kmears. cluster: - contor [::/1]= 300. pt. show ()