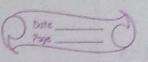


+	K means clustering
A SHARE	from Actions Unites inport linears
	data=list (zip(x,y))
	idental instias = []
	for it is range (1,11):
34 44 4	1 mars = 1 mors (n-clustes = 2)
	kinears = fit (dat a)
L. Jo	Pet Scatter (x, y, c = 1 images - labels)
	PH Show ()
	Prout =
	Charles Company of the Company of th
	4 6 8 10 12
	The state of the s
	CO CM
district to	73
Land Line	
Barberra.	
	Edition of the spirit is the spirit in the s
大 100 100 100 100 100 100 100 100 100 10	



*	PCA
	ly as asbmog tropyl
	import numpy as mp
	import modplotlib. Pyplot as plt
	1 modplothib inline
	from skiewin decomposition import PCA
	from sulearn preprounting import standuolscale
	from skleans datasets inport load breat cancer
	data = load breast camer
	dota. rug ()
	00 1 (100 16)
	Print (data ([beature -names])
	del = pd. Data frame (data ("dale"), columns = data ['feature nomo'])
	scaling = standard scaler()
	scaling. fit (data)
	scaled data = scaling . transform (data)
	principal = pcA(n. components=3)
	principal. fit (scaled data)
	X = principal. Hamsform (scaled data)
	The state of the s
	Plt figure (figsize = (10.101)
	PH . Scatter (xc:,0), xc:,1], c=data ['tanget'].
	PIT. XIOBEL ('PCI')
	Pit. Ylabel l'Pra')
	A Section was and approximately a second