	Deathe:
	Accianna
	Machine learning Assignment
•	
Ans	mex 1
2 5	I bow Method. In this Method, we
b	
	Lot the with cluster sum of selfore uccs against the no of dusters. Its
M	ICSS measures the Sum of Squared
d	stance between each pout and orangered
	Pertroid
,	000
3	000
1	2004
	2 3 4 6 7 h 2 4 6 7
	hod duties
Ansn	Lew : 3
	K-means clustering algorithm
- 1 2 2 2	TIO
	Iteration -1
リ	Calculate the distance of each point from
	each of the corre by the dusters
2	Distance is calculated by formale
	P(a, b) = 122-2, 1+1/2-4,)
	0 0
1 D. 687, 61	그는 그는 그는 그는 그는 그는 그들은 그들은 그는 그는 그는 그는 그들은 그들은 그들은 그들은 그들은 그들은 그를 가는 것이다.

Date: Page No.:

Distance Stu	A A	
1112 Mac NIW	14/2/	
	11(1/1)	1 0 0
	The Care	LC (2 1)
		(2./0)
Control of the state of the sta		

2-71/4/2-4/ -21 + (10-10)

parks clusters churchen Aus of in	
(VIII)	1
(5.8) (1,2)	
A; (7,10) B 5 G	
A2 (7,9) 5 6 4 C	
A; (8,1) 12 77 9	
Aq (((8) 5 0 10 C)	
As (7,5) 16 5 9	
P. (6,4) 10 5	
A2C1,2) 9 10 01 C2	
P8 (1,9) 3 2 10 G	
	1

Cluster -1 Cotans: P, (7,10)

Cluster - 2 Contas: A, (8,0), Pu (5/8), As (7/5) D6(6, 4), A8 (4,9) Charles 3 contains; 9, (3,5), A1 (1,2)

Re-computing new clusters by taking means of

Cluster-1: (2,10) (hugher-7; 8+5+2+6+4, 4+8+5+4+9 = (6,6)

Dato: Mo ·

- Contract of the Contract of	Paga No.:
	Cluster 3: 2+1, 5+1 (1.5,345
5	are (3, 9.5) (45, 5.25) and (1.513.5)
Que	@ Divide He Clustery?
Aha	exi3 The palme of no of clusho K = 2 cet two centroid of this two clushes
	Iterahan: (, (185, 22) C2 (270, 56)
	Now calculary distance of earth port
	District Formula - Jan-22 + (gry)?
	theight and weight Distance from clusters (1 (185, 72), (7 (170,56),
	185 72 6 481 C, 170 5, 481 00 Cz
	168. 66 433 20° C1
	187 72 161 85 CZ 188 74 30 765 CZ
	180 71 26 328 C, 180 10 425 116 C, 18) 80 118 953 (1

Page No. : Cluster Conting A. 1(185,72), A, (17.3,62) A. (188,22), A7(180,71) Day (183, 89) Charles 2 Contracy As (120,56), 1, (168,60) As (6172,62), 1A8 (186,90) Now now Contrast of charges (; Cluster 1: (183, 79.9) (2 Unster : (173.3, 575) Theren 2 to low the steps of Iterahu-1 Height weight Distant from G Distant Chish 185 72 338.81 197 56 170 507.5 16.31 563-5 168 6.6 39,3 26.9 68 132.8 170 159.7 62 182 70,8 188 72 31.76 5833 180 20.5 221,3 60.3 5/101.1 100 Cz 2.16 04 797.1 9 1933

