K-Means , Algorithm Bafna Gold — A For the given data, compute two clusters using & means algorithm for clustering, where initial cluster centers are (1.0, 1.0) & (5.0, 7.0) (1,1) (5,7) AIS C2 Assigned Record No. of the same Cluser 0.0 R1 7.21 R2 3015 2.000 1.12 6.10 R3 3.0 4.0 3.61 4.24 7-0 6.0 RY 3.0 2.5 多、5 5.0 R5 4,72 5.0 (2 4.5 RG 2,0 5-32 3.5 4-30 2.5 (2 R7 4.5 (luyder 1: R1, R2, R3 Cluster 2, R4, R5, R6, R7 Steps! Recompute Cluster centers (1 = (x, y)) x = (1 + 1.5 + 3)/3 = 1.83Y= (1+2+4)/3 = 2.33 New (1 = (183, 2,33) New (2 = (4,13, 5.38) X= (5+3.5+4.5+3.5)/4 =4.13 4= (7+5+5+4.5)/4=5.38 ky F54 5G

Lab-9

1	9399						
*	Derat	ion = 2	3	1.83, 2.33)	(4.13,5.38)	1000	Accia
		No A	B	Cassins.	(2	No to the later of	Assigned Cluster
	No	Co	(5.0, 7.0	93 (or	0.01 100	contine	Sugra,
	R,	1.6	1.00	1.87	5-62		
As	R <sub>2</sub>	1-5	2.0	0.47	4053	Decord	C
10	R3	3.0	4.0	2.03	1,92	s ola 1	$C_2$
	R4	50	7-0	5-67	01.89	19	C2
	RS	3.5	5.0	2-63	1-0.71	1-182	(2
	Ps R7	4.5	5-0	3.25	0.47	R3	(2
		3.5	4.5	2.73	0.94	N9 1	C2
	(	D. 0	Stole	5-0	7.8	791	
		P1, P2	0	8-0-5	as Zahar	18	
	(2=	K3, R4,	R5, R6,	R7	3.5	+3	
4	Final	Centers v					
					189 11 PL	THE RESERVE OF THE PERSON NAMED IN	
	$C_1 = (1.25, 1.5)$ $C_2 = (3.9, 5.1)$						
	San Pora month auchter Control 3 = 183						
	1 ( 1 = (V/V) = V + (V+V+1)   3 = 5.33						
	C203 01 A						
	12-16+25145+3514=413						
	14- (4+2+2+4.2) 14= 238						