Nama : Wildan Devanata Rizkyvianto

NIM : A11.2022.14593

Kelompok : A11.4509

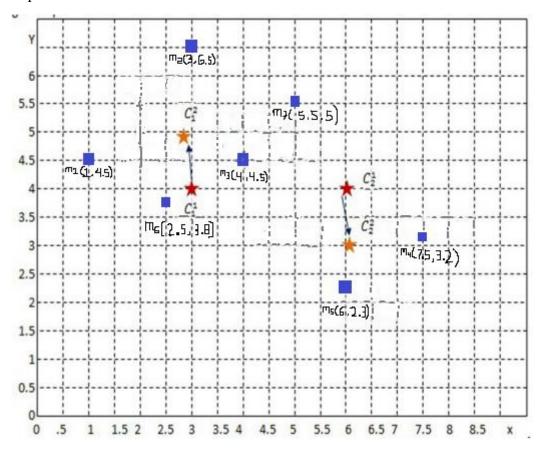
Tugas 10 Data Mining Kluster

Latihan Soal (Kuis)

 Tentukan anggota klasternya, jika dikelompokan menjadi 2 klaster?

Titik Pusat Cluster => C₁(3,4), C₂(6,4)

Graph



No. Date. / /	kelp, A11.4509
Date. / /	mirror to
	Tugos lo pata mining
Contoh kasus - It	ferosi 1
I terosi 1	The transfer of the contract o
@ menghiturg Eud	lidian distance dan semuo data ketiep titih pusat pe
sehingga dida	
D11 . (M1x-C1x))2 + (Mit - Ciy)2 = \((1-3)2+(4.5-4)2 . 2,06
D12 . (M2x-(4x)	$(3-3)^2 + (m_{27} - G_{27})^2 + (6.5 - 4)^2 = 1.58$
D13 = V (M3x - C18x)) + (m37 - G) 7) - (4-3) + (4.5-4) = 1.22
D14 = 1 (m4x - CMX	() + (M47 - (1)) · \((7.5-3) + (3.2-4) = 4157
DIS - V (M5x-C1);	x) = + (msy - (1)) = , \((6-3) = + (2.3-4) = 3144
DIG : (M6x-C1	$(x)^{2} + (m_{67} - (x_{1})^{2} \cdot \sqrt{(2.5-3)^{2} + (3.8-4)^{2} \cdot 0.53}$
Diz - JCmqx-Ca	$(x)^{2} + (m_{1}y \cdot (1)^{2} \cdot \sqrt{(5-3)^{2} + (5.5-4)^{2}} \cdot 2.50$
pusat kedua	
D21 = V(M1x-C2x	1)2 + (M17 - C27)2 : \((1-6)^2+(4.5-44)2 : 5:02
D22 . V(M2x - C2x	
D23 - (m3x - (2 x))2 + $(M_{57} - (24)^2 = \sqrt{(4-6)^2 + (4.5-4)^2}, 2.06$
D24 = V(m4x - (2x)	
D25: V(M5x- (2x)	
D26 : \m6x-(2x)	2 + $(m64 - (27)^{2}$ 1 $\sqrt{(2.5-6)^{2}+(3.8-4)^{2}}$ 3150
P21 : \m7x-(0x)	
D11 - \$2:06	Dal = 5.02
012:1158	D22 : 3190 D23 : 2,06
D13 . 1.22	024 1 1,7
D14 : 4,57	D25: 1,7
DIS - 3,44	D26 · 3.50 D27 · 1.80
DIG . 0153	027 - 1100

(1)	0	1.500	Euclidean	dictance	مام بداریا		Oom Amid	
(b) Dari	Pengh	100	M 2	Mg	M4		M 6	
Ac SSey		Mı						
Jorak ke	CI	2106	1.58	1.2 2	4157		0153	
Jarok ke	C2	5 102	3,90	2,06	117	1,7	3150	1.80
diambl	nomin	ol kecili s,m7]	mata £Mi, anggota C	M 2 1M 3 1	M 6] 2n	98010	CI	-
C) Hute	ong tr	lik pus	at boru					
			6·5) .m3=((4,4.5),	M4 (7.5	, 3.2)	£m5 (6,	2.3)
m6 = (2.								
c	1+3+	4 2,5	4,5+6,5+	415+215	. (3	162	15)	
	4		4	/				
a \int	15+6	+5 3	2+2.3+5	5).	(6.11	3, 6	.6)	
C25 .	3	_ / _	3		0,1.			
1		7	,					
Hasil	Skill		3			=	•	
			1m21m3,M		1 : (2)	62,415	•	
klaster	2 ((1) = { M	4 , ms , m 7 }	٠ (2: (6	,16.3,	LL)	
				-				
		-						