Nama : Adelia I	Dosen : Junta Zeniarja, M. Kom. Mata Kuliah : Penambangan Data							
NIM : All. 2022								
Kelompok : All. 431	1 G 1			Prodi	: 51]	eknik Info	or matika	
			(100	7 No.	V Nissa	11 - 1		
	Perte	muan id	Klasterin					
			4.1. 40.0.0	III O A SA	ما ما نعمه	loue 2	n Maria	
Tentukan anggot								
M1 = (1 , 4,			= (6,2,					
M2 = (3, 6,5			= (2.5 , 3,			4 71		
$M_3 = (4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4$		М7	: (5 , 5,5	5)	61 444			
M4 . (7.5, 3,				1-1-1	F - 1(3)	1-22		
Titik pusat dus	ter Ci	(3,4) C	2 (6,4)	1.13	I a line	1 - 4 - 2 1		
				for the		7.3.1	10.1.4	
Jawab		_		apideb i			200.0	1111
> Menghitung E	uclidean	Distance	setiap do	ita dengai				(1.2
D(1,1) = V(1-				5 jiji.,		William I	1 1	
D(112)= V (3-				16.12.	11			. 5 . 1
D(113) = V (4							1, 1, 1, 1, 1, 1	1
D (1,4) = √ (7.					11			
D(1,5)=1 (6	-3)² + (2,3-4) ²	2 3,4481	9	3 - 41	No. 1 1		
D(1,6)= 1 (2.				2				-
D(117)= 1 (5	-3)2 + (5,5-4)2	2,5	ta Janaa	Scott.	D. D. (1) d.	And the	
n Menghitung E	udidean	Distance	setiap ac	ita denga	n titik pi	isaf kegn	0.	
D (2,1) = 1 (1.						1.1		
D (2,2) = √ (3-					1.000	11.1-		
D (2,3)= √ (4.								4
D (2,4)=√(7.9					411	4	- [] [
D(2,5)=√(6					111	and policy	1	12:
D(216)= V (2					200			
D(217) = V (5								
 Membandingk 								
	Mı	M ₂	M3	M4	M5	Me	M ₁	
	2,06155	215	1,11003	4,50756	3,44019	0153852	2,5	
Jarak ke C2	5102494	3,90512	2,06155	117	17	3,50571	1180278	
Ci = { M								
C2 = { M	1. Ms. Mz	}						

Andreid and

·> Menghitung titik p	ysat baru	1	777	,	111			1,10
The state of the s		6,5 + 4,5 1	3,81_	(2,63 . 4	1.83)		4	1 1
C . (113141	E 11 . I. S.	4.	<u> </u>				1174 231	A J.A - T
C2 = (715+6+	312 + 2	3 + 5,5	7ار6) =	, 3,67)	a VI Mi	print		
) Menghitung Euclid	lean distance	setiap di	ata denga	in Ci				
$D(1,1) = \sqrt{1-2}$			1,66307		d ran i	gille Må	1 1 4/1:	Carl ST
$D(1/2) = \sqrt{(3-2)}$			1,7105	(8.100) = 514		F.Jacob	- 111
D(113)= V (4-			1140918	(0,8 c 3.1)) = (1)		(3,5 - 3)	14.0
D(114) = 5 (715-			5,13554	(35)) = 1/1	(7.1-1-1	= 4M
D(115)= V (6-21			4,214			(1.50	2 1-1 1
D(116) = V (215-	THE RESERVE TO SERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED		1,03817	(1.15	17 (1	(F) T 19	state foot	4 1200
D(117)= V (5-			= 2,46288	•				
Menghitung Eucli			ata denga	n C2				della
$D(21) = \sqrt{1-6}$			5,2362				t charg	
D(2,2) - V (3-6			4,24945	23140			-1 $V = (1$	110
D(2,3) = V (4-6			2,32332	5,2	: - ()	86) f f	(a) b s(1)	1) 4
D(2,4)=V(7,5			1/4106	1,110,03	r (h.	1d-) + 1d	41. h (E	414
D(215) = V (6-6	1(7)2 + (2,3-	3,67)2 =	1:38051	951159	(4-	(A) + 5(F)		
D(216) = V (215-	6,17)2 + (3,8-	3167)2 =	3,6723	0161-1-1	= -115	(2) T (8	· · · · · · · · (; .	
D(2,7) = V (5-0			2,17205	133(87)	= F(1-0	F) + 1:-	9.2] [=(0.	[]()
Membandingkan	jarak ke G do	in jarak k	e C2	2.5	: []]	3) + f(E		
M		M ₃	M4	M ₅	MG	M7	ji mini Pi	.P.3.5
Jarak ke a lie6	117105	1140918	5/13554	41214	1103817	2146288	-11 11.	1
Jarak ke Cz 5123	62 4,24945	2,32332	114106	1:3805	3,6723	2117205	-1.1.	
Kesimpulan				51.3	1 11-	18. 18	a di Vice	
Anggota Klaster			16}	Vil			Alla Es	!
Anggota Klaster				1	F * [and I had		
				Tio 3 r	- 1		J. Lines	
				ALTO (C.)		.) T =	1.	
			2.5	17 1/2	Jah I	. all. li	and the	11.5
	14 4/4	1 3/4	1.14	Ein	_lui			
	. 1.	0.61.	1 /2	11	1 15.4		11	

Implementasi Python

 $\textbf{Link GitHub:} \underline{https://github.com/adeliaputriw/Clustering KMeans-43UG1-A11.2022.14426.git}$

Link GColab: https://colab.research.google.com/drive/1fv-X7XRkvJx1W8O0HPrXP0hHpAozukbx?usp=sharing