Nama : Nauval Aqila Hanan M

Nim : A11.2022.14507

Kelompok :A11.2508

Matkul : DATA MINING

AHC DATA MIINING

CONTOH DATA SHEET

Siswa	Matematika	Bahasa Indonesia	IPA
Α	7	5	8
В	6	9	7
С	8	4	6
D	5	6	9

Matriks Jarak (Manhattan Distance)

	Α	В	С	D
Α	0	6	4	4
В	6	0	8	6
С	4	8	0	8
D	4	6	8	0

A. Single Linkage

	Α	В	С	D
Α	0	6	4	4
В	6	0	8	6
С	4	8	0	8
D	4	6	8	0

Single linuage AHC Iteras: 1 1. Cosi Joseph terrecil Com ATC = 9 Stringga AC digobony hitory titin AC yotitin lain d(AC,B) - min (d(A,B), (A,B) = min (6,8)=6 2(A(,D) = min (2(A,D),(C,D) = min (9,8) = 9

	AC	В	D
AC	0	6	4
В	6	0	6
D	4	6	0

2.

AC=D=01 2. Joran Lecil Jordan anter titile 2 (ACD, B) = min (2(A,B), (A,B), (D,B)) = m16,8,6/=6

	ACD	В
ACD	0	6
В	6	0

3.

3. Lecompon ACD digobusy dargan B dan Jarah terdenot adarah

B. Complete Linkage

	Α	В	C	D
Α	0	6	4	4
В	6	0	8	6
С	4	8	0	8
D	4	6	8	0

			-	
Complete linuage	AHC	95519mg ph	DHA_	ported elder
1, 0,			707 83 95	traill when
1. Iterasi Soco	99	501.2	HIM	0.00
1. Lordough	A-C=9 -0 AC	2	5	-
Jorga Anton titu	d(AC, B) = dad mos d(AC, D) - mox(d/A,	(((A,B),(A,B))=	max (6,8	1= 8

	AC	В	D
AC	0	8	8
В	8	0	6

2.

1 Seros: doc

1 Joseph Lance 11 Series B-D=6 = 0 BD

Jaron anter total (BD, AC) = (mex (p(AB, BC, DA, BC) = (6c4, ac8) = mox (8)

	AC	BD
AC	0	8
BD	8	0

3.

3.	Lecomposi	AC	Lon	132	didabuna	don	raran	terrouh	00019h	8	
-	ugion poor	11-			7	0-11	0	10		1 1	

C. Complete Linkage

	Α	В	C	D
Α	0	6	4	4
В	6	0	8	6
С	4	8	0	8
D	4	6	8	0

1.

C. Average lin large AHC

X = Jamot Little yang Lerdenot

N = d(x,n)

1. Iteres: 1

Lo jaron Lerdenot A-C=a-DAC=x=2

Joron Onter Little d(AC,B) = d(A,B)+(B,B) = 6 + 8 = 7

2. n

2. n

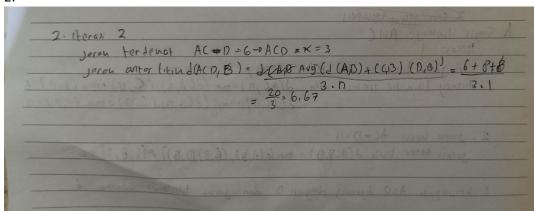
2. n

2. p

2. p

2. c

	AC	В	D
AC	0	7	6
В	7	0	6
D	6	6	0



	ACD	В
ACD	0	6.67
В	6.67	0

D. PTYON

