

# Iterasi I

Instance	X	Y
A	1	1
B	0	2
C	2	3
D	3	4
E	4	2
F	5	4

Instance	C <sub>1</sub>	C <sub>2</sub>
A	1	2,23
B	2,23	3
C	2	1,41
D	3,16	2
E	2,23	1
F	4,24	2,82

$$k=2$$

$$C_1 = 2,1 \quad C_2 = 3,2$$

$$d(C_1, A) = \sqrt{(2-1)^2 + (1-1)^2}$$

$$= 1$$

$$d(C_1, D) = \sqrt{(2-3)^2 + (1-4)^2}$$

$$= \sqrt{10}$$

$$= 3,16$$

$$d(C_2, A) = \sqrt{(3-1)^2 + (2-1)^2}$$

$$= \sqrt{5}$$

$$= 2,23$$

$$d(C_2, D) = \sqrt{(3-3)^2 + (2-4)^2}$$

$$= \sqrt{4}$$

$$= 2$$

$$d(C_1, B) = \sqrt{(2-0)^2 + (1-2)^2}$$

$$= \sqrt{4+1}$$

$$= \sqrt{5}$$

$$= 2,23$$

$$d(C_1, E) = \sqrt{(2-4)^2 + (1-2)^2}$$

$$= \sqrt{5}$$

$$= 2,23$$

$$d(C_2, B) = \sqrt{(3-0)^2 + (2-2)^2}$$

$$= 3$$

$$d(C_2, E) = \sqrt{(3-4)^2 + (2-2)^2}$$

$$= 1$$

$$d(C_1, C) = \sqrt{(2-2)^2 + (1-3)^2}$$

$$= \sqrt{4}$$

$$= 2$$

$$d(C_1, F) = \sqrt{(2-5)^2 + (1-4)^2}$$

$$= \sqrt{18}$$

$$= 4,24$$

$$d(C_2, C) = \sqrt{(3-2)^2 + (2-3)^2}$$

$$= \sqrt{2}$$

$$= 1,41$$

$$d(C_2, F) = \sqrt{(3-5)^2 + (2-4)^2}$$

$$= \sqrt{8}$$

$$= 2,82$$

$$C_1 = A, B$$

$$C_2 = C, D, E, F$$

# Iterasi I

No  
Date

Instance	X	Y
A	1	1
B	0	2
C	2	3
D	3	4
E	4	2
F	5	4

Instance

C<sub>1</sub>

C<sub>2</sub>

1

2, 23

2, 23

3

2

1, 41

3, 16

2

2, 23

1

4, 24

2, 82

k = 2

C<sub>1</sub> = 2, 1

C<sub>2</sub> = 3, 2

$$d(C_1, A_1) = \sqrt{(2-1)^2 + (1-1)^2} = 1$$

$$d(C_1, D_1) = \sqrt{(2-3)^2 + (1-4)^2} = \sqrt{10} = 3,16$$

$$d(C_2, A_1) = \sqrt{(3-1)^2 + (2-1)^2} = \sqrt{5} = 2,23$$

$$d(C_2, D_1) = \sqrt{(3-3)^2 + (2-4)^2} = \sqrt{4} = 2$$

$$d(C_1, B_1) = \sqrt{(2-0)^2 + (1-2)^2} = \sqrt{4+1} = \sqrt{5} = 2,23$$

$$d(C_1, E_1) = \sqrt{(2-4)^2 + (1-2)^2} = \sqrt{5} = 2,23$$

$$d(C_2, B_1) = \sqrt{(3-0)^2 + (2-2)^2} = 3$$

$$d(C_2, E_1) = \sqrt{(3-4)^2 + (2-2)^2} = 1$$

$$d(C_1, C_1) = \sqrt{(2-2)^2 + (1-3)^2} = \sqrt{4} = 2$$

$$d(C_1, F_1) = \sqrt{(2-5)^2 + (1-4)^2} = \sqrt{18} = 4,24$$

$$d(C_2, C_1) = \sqrt{(3-2)^2 + (2-3)^2} = \sqrt{2} = 1,41$$

$$d(C_2, F_1) = \sqrt{(3-5)^2 + (2-4)^2} = \sqrt{8} = 2,82$$

C<sub>1</sub> = A, B

C<sub>2</sub> = C, D, E, F



$$C_1 = \frac{1+0}{2} \cdot \frac{1+2}{2} = 0,5, 1,5$$

$$C_2 = \frac{2+3+4+5}{4} \cdot \frac{3+4+2+1}{4} = 3,5, 3,25$$