Machère Learning H/N-6

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1) Single link Proximity:

In Single linkage, the distance between two clusters is the minimum distance

	PΊ	p2	p3	рЧ	p5	p 6
PΙ	0	0.2357	0.2218		0.3421	0.2347
p2_	0.2357	0	0.1483	0.2642	0.1388	0.254
p3	0.2218	0.1483	O	0.1513	0.2843	0.11
P4	0.3688		0.1513	0	0.2932	0.2216
P5	0.3421	0.1388	0.2843	0.2932	0	0-3921
p 6	0.2347	0.254	0.11	0.2216	0.3921	0
		an commence of the state of the	a la company	P. C. Carlotte Statement of the Control of the Cont	101	The state of the s

From above data, the minimum distance is 0:11

So p3 and p6 forms 1st chister.

	P'	p2_	p36	P٤	p 5
PΙ	0	0.2357	0.2218	0.3688	0.3421
1 p2	0 235	7 0	0.1483	0.2042	0.1388
p36	0.221	80.1483	0	0.1513	0.2843
p 4	0.368	8 0.2042	0.1513	0	0.2932
p5	0.342	0.1388	0.2843	0.2932	O many consists become our relationship

The minimum distance is 0.1388, so p2 and p3 froms

-		ρΙ	p25	р3 6	PY
-	Р١	0	0.2357	0.2218	0.3688
CATALOGUE SANCES	P25	0.2357	0	0.1483	0.2042
AND LABOR OF THE PARTY OF THE P	p36	0.2218	0.1483	0	0.1513
	рч	0.3688	0-2042	0.1513	CO

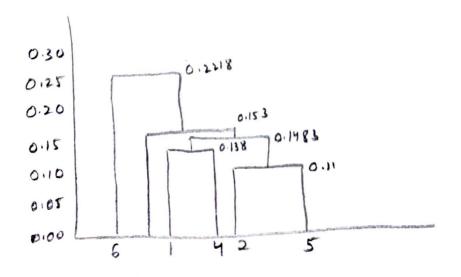
Minimum distance is 0.1483

	Minimum	de st	-ance	15 0-1		
So	p25	and	p36	-lorms	3	dus lor
Checomore West Delegation Charles	Commence of the second		Commission of markets	is a transferrational transferrance and supplications for the	and heart to the section of the section	NITH COMPANIES OF THE PARTY OF

and the second of the second o	PI	p(25)(36)	P 4
And the state of t	O	0.2218	0.3688
p(25)(36)	0.2218	0	0.1513
рЧ	0.3688	0.1513	O second second second second

Minimum distance is 0.153

So 1	(25)(36)	form	7th	duster
	- mark fight side and harmonic transfer	p(25)	(36)	
PI	0	0, 22		ALL DESCRIPTION OF THE PROPERTY OF THE PROPERT
p4 (25)(	36) 0.2218	0		
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## Complete Link Proministy:

In Complète linkage, the distance between the two clusters is manimum distance.

	рі	p2	p3	рч	P2	P6
P1	estinação de em em materia de estada e com materia.	0.2357	0.2218	0.3688	0.3421	0,2347
p 2	0.2357	0	1	1 7		0.2354
P3	0.2218	0.1483	0	0.1513		-
ρч		0.2042		A company of the same of the s	0,2932	Thought and the
p5	0.3421	0.1388	0-2843	0.2932	0	0.3921
р6	0.2347	0.2354	0.11	0.2216	0.3921	0

p Smallest distance is 0.11 So p3 and p6 forms 1st cluster

	PΙ	P2	P36	PΥ	p5 ]
PI	0	0.2357	0.2347	03688	०७४२।
P2	0.2357	0	0.254	0.2042	0.1388
p3 6	0.2347	0-254	0	0.2216	0.3921
P4	0.3688	0.2042	0,2216	0	0.293 2
p5	0.3.	0.1388	0.3921	0.2932	0

Smalled distance is 0-1388

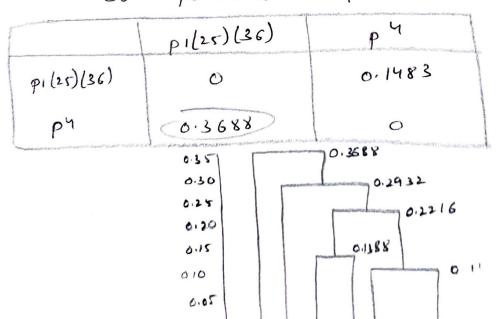
So p2 and p5 forms 2nd cluster

	P	P25	P3 6	P 4
p1	0	0.3421	0.2347	03688
p25	0.3421	0	0.3921	0.2932
p36	0.2347	03921	O	0.22616
рч		0.2931	0.2216	Commence and in which there are a

Minimum distance in 0.2216
So p25 and p36 -luring 3rd cluster

	Pl	p(25)(36)	P 4
PI	0	0.3421	0.3688
p(25)(36)	0.3421		0.2932
PY	0.3688	0-2932	0
Market Despiration of Laboration Company of the State of State of	were allowed that the production of the state of the state of	pour described PANGES (Company) of Franchis (Company) (Company) of F	The second control of

Minimum distance is 0.2932 So p(25)(36) and p1 forms 4th cluster



0

In Average link provincity, the distance between two clusters is the average of all distances

	pl	p2	p3	P4	ps	p6
p1	0	0 · 235 7	0.2218	03688	03421	0.2347
p2_	0.2357	0	0.1483	0.2042	0.1388	0.254
p3	0.2218	0.1483	0	0.1513	0.2843	0,1/
p4	0.3688	0.2042	0.1513	0	0.2932	0.2216
p5	0.3421	0.1388	0.2843	0.2932		
p 6	0-2347	0-254	0.11	0.2216	0.3921	0

Mirinum distance is 0.11 So p3 and p6 -loren 1st cluster.

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p1	p2	p36	p4	p 5
0	0.2357	0.2285	0.3688	0-3421
6.2357	٥	0.20115	0.2042	0.1388
0.2285	0.2015	0	0.18645	0.3382
0.3688	0.2042	0.18645	0	0.2932
0.3421	0.1388	0-33 82	0.2932	0
	0 0.2357 0.2285 0.3688	p1 p2 0 0.2357 0.2357 0 0.2285 0.2015 0.3688 0.2042 0.3421 0.1388	p1 p2 p36  0 0.2357 0.2285  0.2357 0 0.2015  0.2285 0.2015 0  0.3688 0.2042 0.18645  0.3421 0.1388 0-3382	0 0.2357 0.2285 0.3688 0.2357 0 0.20115 0.2042 0.2285 0.20115 0 0.18645 0.3688 0.2042 0.18645

Minimum distance is 0.1388

So p2 and p5 forms 2nd cluster.

	PI	p25	p36	Py
pı	0	0.2889	0.2347	0.3688
p25	0.2889	0	6.286	0.2487
p3 6	0.2347	0.2696	O	0.18645
рч	0.3688	0.2487	0.18645	0

Minimum distance us 0.18645 So p25 and p36 -Porms 3rd chister

	ρl	p(25) (36)	PY
P1	0	0.2618	0-3688
p(25)(36)	0.2618	٥	0.21575
Р٩	0.3684	0.217575	0

Minimum distance is 0.217575

So pl25) (36) and p1 forms 4th cluster

	p1(25)(36)	p 4
p1(25)(36)	٥	0.3153
РЧ	0-3153	٥

