Single - Linkage - Chiatering

Senonio:- You are a drite analyst at a Sports Equipment Company, you've been given date on the Performance of 6-new athletic Shoes beared on two-Key Metrics. Agaity Score high in better) and Durability Store. Your goal is to genoup Similar Shows together to help with the marketing Strategies.

0.23	Eng 0		(4) 1	-	Durahi	INT.	Sprie	(Y)	
Data:	Shoes	Agility Score	(X)	-		1		1	C /
	: A. C	002,0	pk(pt - 1	-	$\bigcirc$	8	0	0	
	B	3				7			
	8.0.0	00.5			9	21	0		
	( C	6							4 1
1.1	11111	0	C		0	5	0	0	
	V	25							7
	F	9	Sand I		0				
Berthamer and a standard						5			₹.
	F	8				3			$(A_i, B)$
			6 ° 4	-	-				

Quartien: Use Single Lineage Clustering! (2-8)

 $(A_1,C)$   $\sqrt{(6-2)^2+(4-8)^2}=-5.5.65$ .

(7-2)2+(5-8)2

(Aut) 1(9-2)24(3-8)2 =

F = 5(8-8) + (8-8)

	Shark !	A	B	ideal Helm	Data	and want	Engl Analla
14	A	40 C	15.03	5.65	P-83	9.21 plubard	7.81 all 11
	B	O	o And	4.24	4.47	13/81 J	6-463
	С	0	0	O	1.414	\$3.60	2.23
The state of	Δ	0	O	0	0	3.60	2.23
	E	0	0	0	0	0	1.41
	F	0	0	0	0	0	0

$$\sqrt{(3-2)^2+(7-8)^2} = 15.03$$

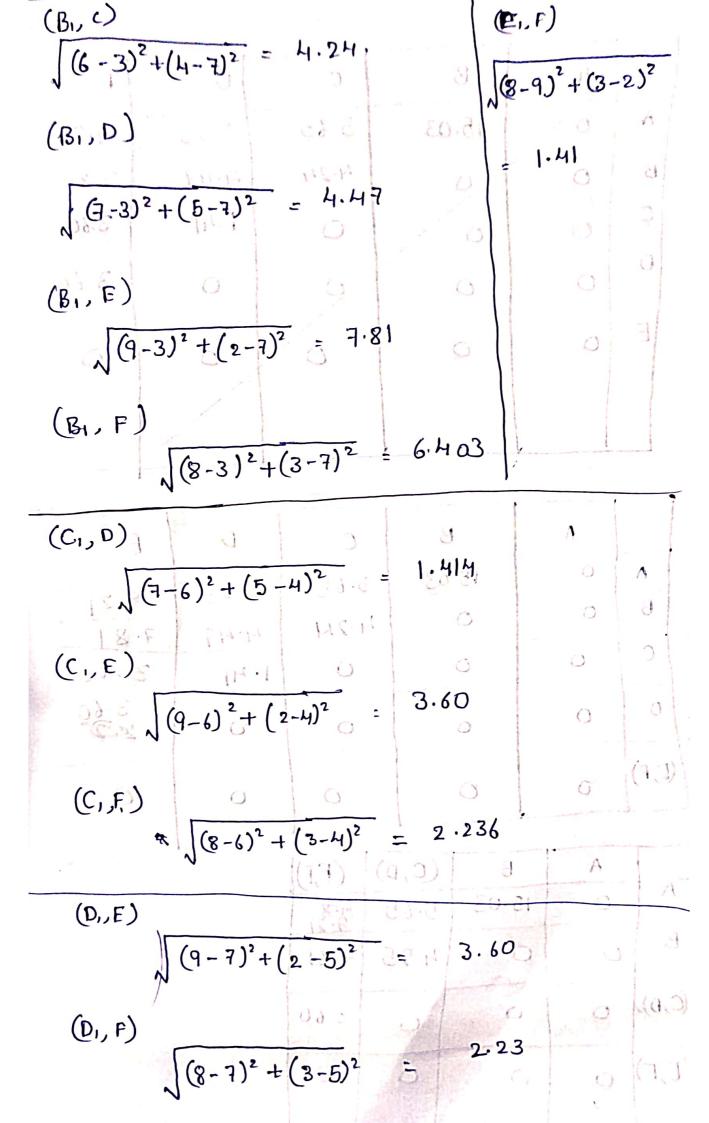
$$(A_{1}, C) \sqrt{(5-2)^{2} + (4-8)^{2}} = 15.03$$

$$(A_{1}, C) \sqrt{(5-2)^{2} + (4-8)^{2}} = 5.65$$

$$\sqrt{(7-2)^2+(5-8)^2} = 5.83$$

$$(A_1, E)$$
  $\sqrt{(9-2)^2+(2-8)^2} = 9.21$ 

$$(A_1,F)$$
  $\sqrt{(8-2)^2+(3-8)^2} = 7.81$ 



								T (5 0)	
A TOTAL STATE OF		A	1,	В		С		D	E(a(1))
	A	O	A Section	15.03		5	.65 H	5.83(3)	1)9:21
	B	0		_		4.24		4.47	7.81
	CI	0	Section 2	0	0		0	1.41	3.80
A CONTRACT CONTRACTOR	D	0		0	3.60		0 (4.		3.60
	(E,F)	O	The second second	0		0		0	(C),(C)
_				356.	¥ -	-	(H-5)	F (6 3)	2
1	A	A	1	B 5.03	(c, 5.6.	THE REAL PROPERTY.	(E,F)	V	(1,0)
	3	0	C	3.600	4-2	5	7.81	) r'(F-P)	41
-	ر(٥ر	0		0	0		3.60		(1,19)
(E	,F)	O	C		0		(0)	F = (F - 8)	
								,	

