Amozon Silun Gold Diamond -> Clustering:-* Segmentation of Customers

5 x 1.01. Customes base Distribute randomly Segment the customers band their engagementment & then distribute the courtous

-> K-Means Chustering:-* Pre-requiste: No. of Clusters to be known before

Nord. (K=3)

Random Initialization: Randomly K centroids are initialisa

C1= 9+6+

3 -> Assignment: - Euchdian distance

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-> Updation: - Centroids will get updated with mean of datapoints

-> Repeatition:
Assigned to it

$$A \qquad (c,d)$$

$$C_{1}$$

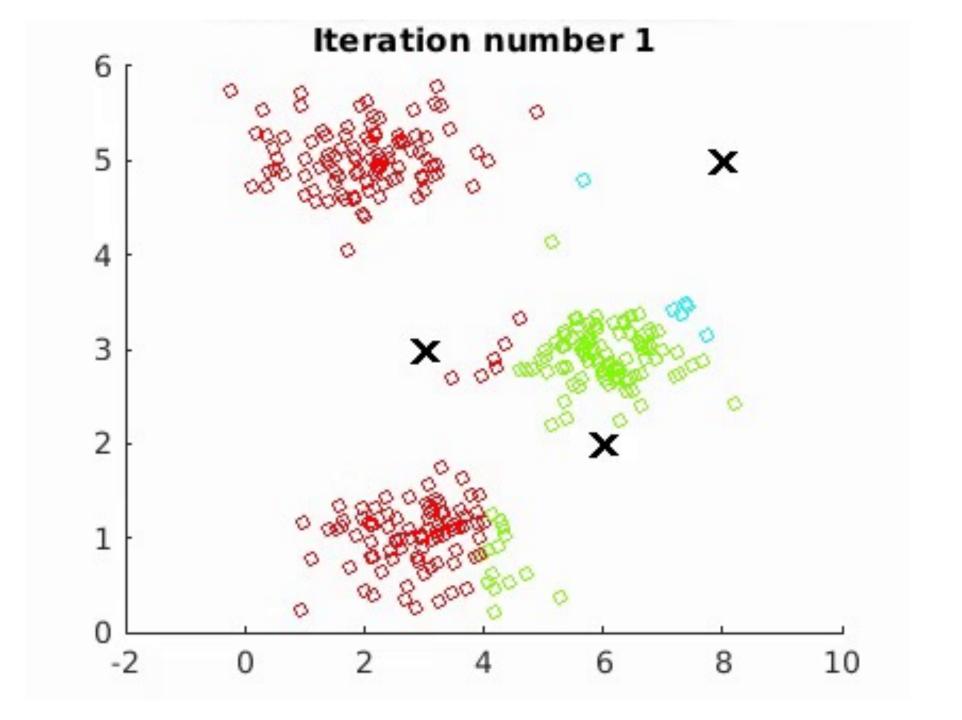
$$C_{2}$$

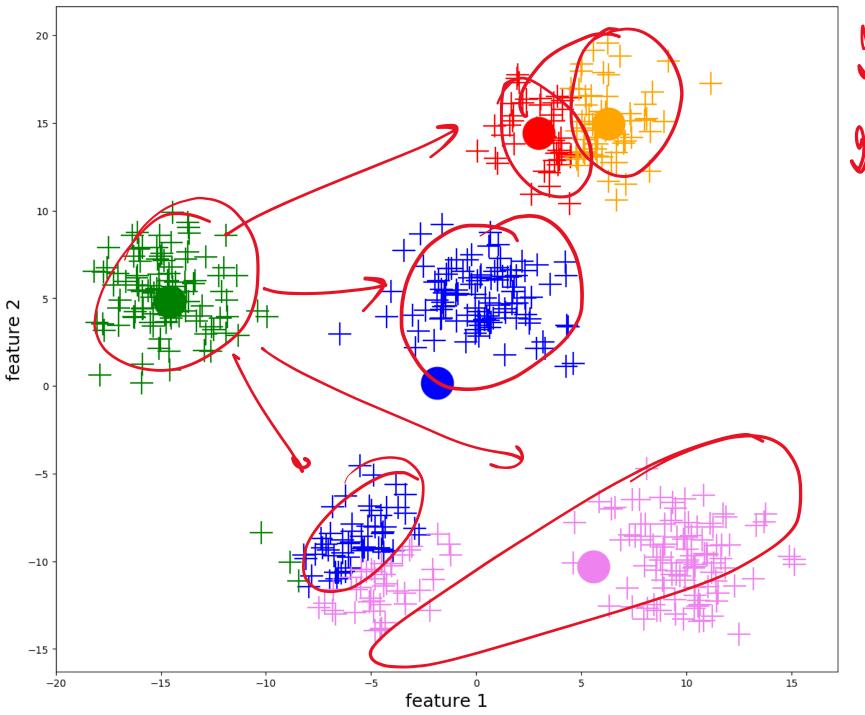
$$C_{3}$$

$$C_{4}$$

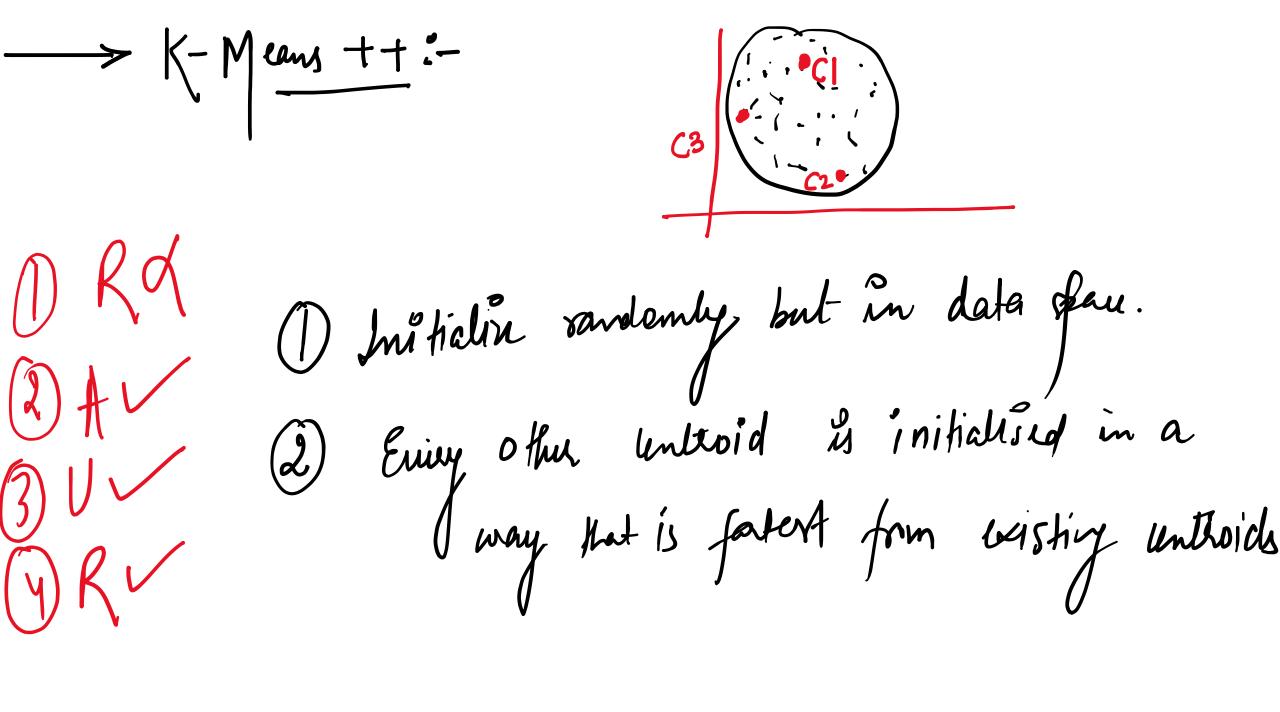
$$C_{5}$$

$$C_{7}$$





Into chute I Intr chute



> Hierarical Clustering: ABDE ABC CPF AC 3 max -> complete linkage BC 3 min - Single linkage aurge - aurge tenkage

No. of Club = 2 Dendogram: K=3 AB/C DE AB/clole

Elbon mellur Enos optimal m. of chesture

