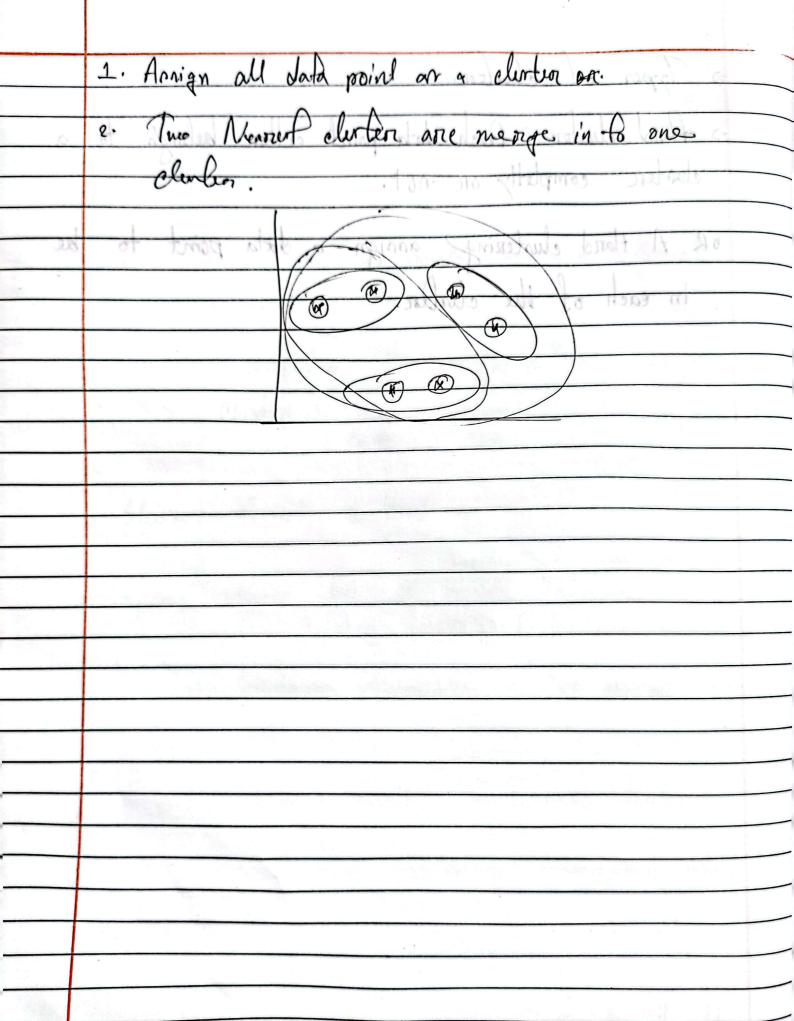
Unnupervined learning. K-mean's clustering. > find the right value of "12" -> Edonhatten Distance Junton 2 -> Eucleation Dintonel -> Elsow method K-value -> Centroid Initialized the controld Rondomly. 3 select the group (boned on nearan distance) and find the mean. Tshahil Updale the controid and move the pomition. (bomed on dintance) untern and untill my centroid in not

	" Lucition of production
,	Step 1: Choose the number of clueton's ""
1	Slep 2: Select "k" Random points from the data as
	"Centroid"
Dolan	Step 3: Angin the all points to the clonent clusters einter. [group]
Dinon	Step 4: Recomputer the contraids of newly formed
Jane X	Cluster. t Centroids moved
	Slep 5: Repeat 3 and 4.
naken	Stopping Creiteria for R-mon's clustering
bio	1. Centroidn of newly formed cluster do
olod?]	2. Printis remain the some clurter.
	3. Maximum number of iteration Reached.
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	Analytiervioly a blog.

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OR A Hard elustorina accusan a data point to	ke
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	in one and only one of the clust	Loc.
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	choten.	
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	ON LA DIMINISTER	
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	likelihood of that data point to be	z in
. 4	thorne clusters in annigned.	
	-> Goff churtaring gives you the probabile	ity of
		lur lor.
	Several clurter with a	nachnal
	Degree .	

Book Colain ML A-Zamore Hierarchieal clurtering. - Annign each data Point an a clumber. > Than two Measur durters are merged into Some clurten. In the End. This algorithm terminates where there Denverson. 11 Pi

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Wille !	MAINTE X REPORTED
	> longer Dirtance 9
	No of ventical lines in the dendogram cut by the
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	distance vertically without intermeeting a cluster.
	and 200 feature 200 feature
	John Jee Handank > 1 MS
	-> Nake each data point a single-point cluster - That forms
Son	al surles to severan sol succession in man Charter.
	. (1)
	-> Take the closest data points and make the once.
	Symmush ) = reseases A ) 10 Cluster.
	> take the two cluster of clonest and make them
	I've teature increase emporarially our model being
	into me cluster
	· lovalifia)
	- Repeat until there in only one clusten.
7	Accuracy is is the some time should
	- Englesterale

Curve of Dimon monality. Dimennion/ Feature / Attache 10 Feature < ALLURACYS Accuracyz 2000 feature 200 feature Acuray & Acunacys > 10000 feature. Acriow -Accuracy 4 > Accuracy 5 Accuracy 5 ( Accuracy 4 our model increane exponentially that in curve of dimentionality JIVO increasing > After some time Accuracy -> Acutacy Decreaning.