

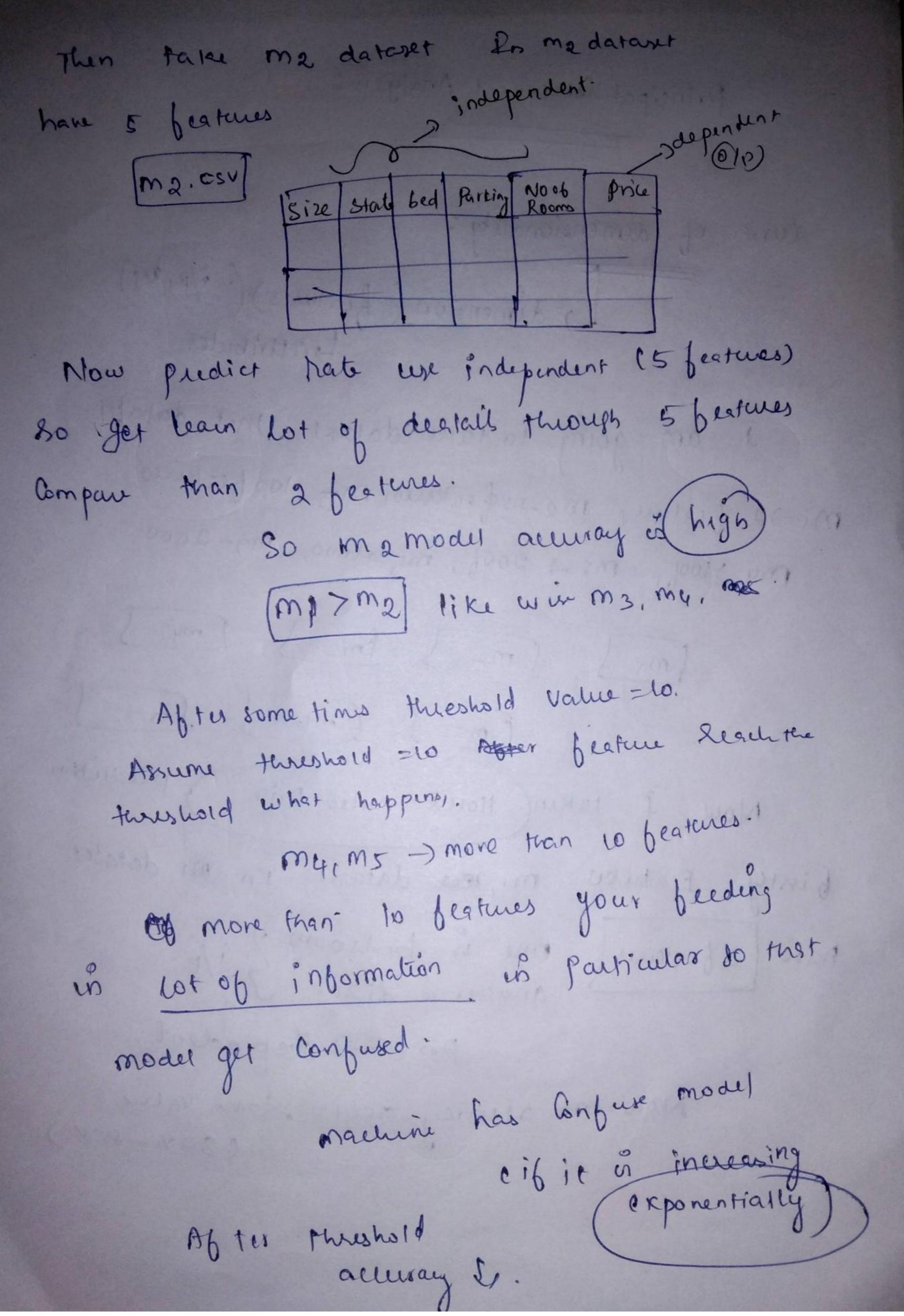
Okay now how to releat K-values (no of cluster) that we want 2 longest line Companer need to find longest vertical mone of the one horizontal Density Based spatial clustering Application with Nous DBSCAN: =) unsupervisor =) Better advance 9 k-megm, Hierarchial elusteering.

4	important Concepts:
	-> Epsilon -> Core point -> Bordu points -> Nouse
	radius cuate deuision boundary (Epsilon)
	Now assume minpto=4. midpoints present in boundary take a core point
	when tore point ainère
	in decision boundary then decision boundary unt.
	I have point c (mp=4)
	Creat readents O weate boundaries herrog Epsilon
	2 Suppose doesn't Satisfy midpoints 24
	but une have atleast one core points (bounday)
	in boundaries

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one point & 3 mats boundary help of Epsilon: More of their saristy minpoints 4 any cone pointe doesn't meet mid points. DBS cen -) works verywer noise dats Prons's work very wen - 9 robéloudies dimensionality of difficult to grouping data together. too many demensions descan suffer. when dealing doesn't work well with dustin quanting densities. Hyperparameter: leps = epsilon (radius) min_samples = mid points metric = Sudidean', 1 man hattan'

Principal Component Analysis: Curse of dumensionality: Ly dimension (features) (17, dep)
Ly attributes I am going to take dataset that dataset m,-12 prature, m2-15 features, m3-, 100 peatures my-> 600, ms -> 2006, mb-> 1000, mn-2000 $[m_1]$ $[m_2]$ $[m_3]$ $[m_4]$ [m5] [mb] [m7.] Now I taken (House sales price) pudichion binsty 2 takes mr, mes dataset In mi dataset have [2 features] one is bedroom 2 i/p
another is size. poi o) dopendent. Now m, acturay acel= Some value (804.-85%)



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