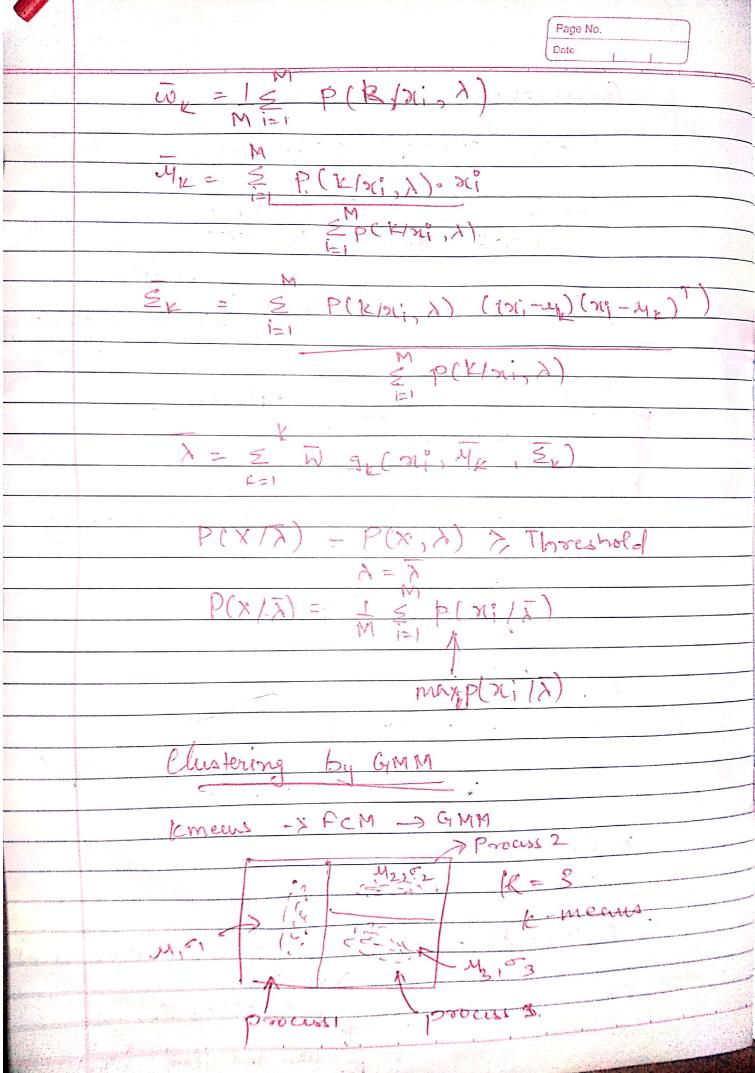
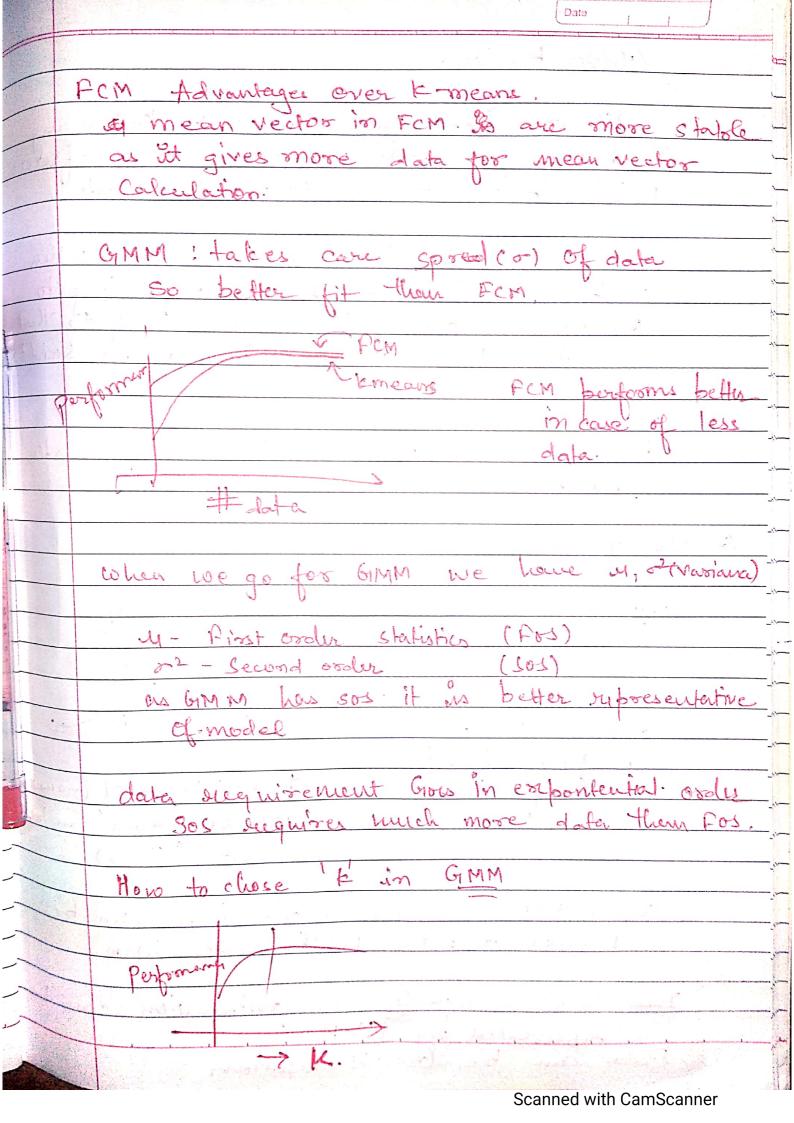
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	Cato Multiverriate Gaussian.
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	GM M
5	and = swig (n, y, Sx)
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	How to Arain a GIMM
	EM-Expedation Maxim 13abon
	Statistics titling onmy to given date
	2) Tlan (" P
	1) Iterative Procedure
-	In each Iteration with
) compute statistics () Mean
	Objective! maximizing subresculation of dola of X by x
	dolo of X land
	It. there se April 22
	$P(x/\lambda_1) + P(x/\lambda_2)$
	$P(x/\delta_1) > P(x, \delta_1)$
	As no so Later to A

Page No.
Convergences
 $P(x/\lambda_2)-P(x/\lambda_1) \leq Threshold.$
 To begin with X = Fn, nmg
+ Intial Model &-GIMM
hours to Generale Tribial Da 1 1 Random
hours to beautiful Model Yk-means clustering
partition then-overlaping Roudom.
les partition.
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data
D= & WR Sp (Ni, MR, Ep).
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31(n) 93(n)
A= & WK Sy (N, Mp, Ex)
™ EA
x= {n, 21m3
P(k(xo,1) = n; belonging to kth misture model in) model
CULG. (Dilye, Ex)
is is wm gm(zi/4m, Ety)



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THE STREET		Date
		Cluster parity:
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		ABSCRIA Debending Value of by their name
	C	lusters are created; we also have refracted. Which point belongs to which cluster
		Which before to well of colin
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		n house Gaussian Amireture of Granssian Au pit Granssian Model data can be - fit. (K=3) So a non-Granssian distorbation can be model it with multivariate GMM.
		on house Gaussian A mixture of Granssum Au fit Granssian model data can be tit. (K=3) So a non-Gaussian distorbation can be model it with multivariate GMM.

Page No. Bosed Clustering data space spaired alustery means. beuse enough to be a cluster so

	Page No. Date
	Prose to outlier: outlier are assign to Chuster, after that they bull mean vestor towards them which make their cluster prone to far point them near points.
DBSCI	DBSCON Can probensity toused Can find out any orbitory shape cluster without being affected by hoise.
	Density Based Spatial Clustering of Application 4 Noise R: Radius of Neighbour hood M: Min number of neighbour
	Institution/Idea. 3t a point is in a cluster of it Should be near to lots of other points in after chuster R R COO
	9t a taking any point it is a given Radius 'R' ill have more than m neighbour we call it Deuse some a operat cluster 3 types of Dala point
	2 Core Boodus Border Outlier

