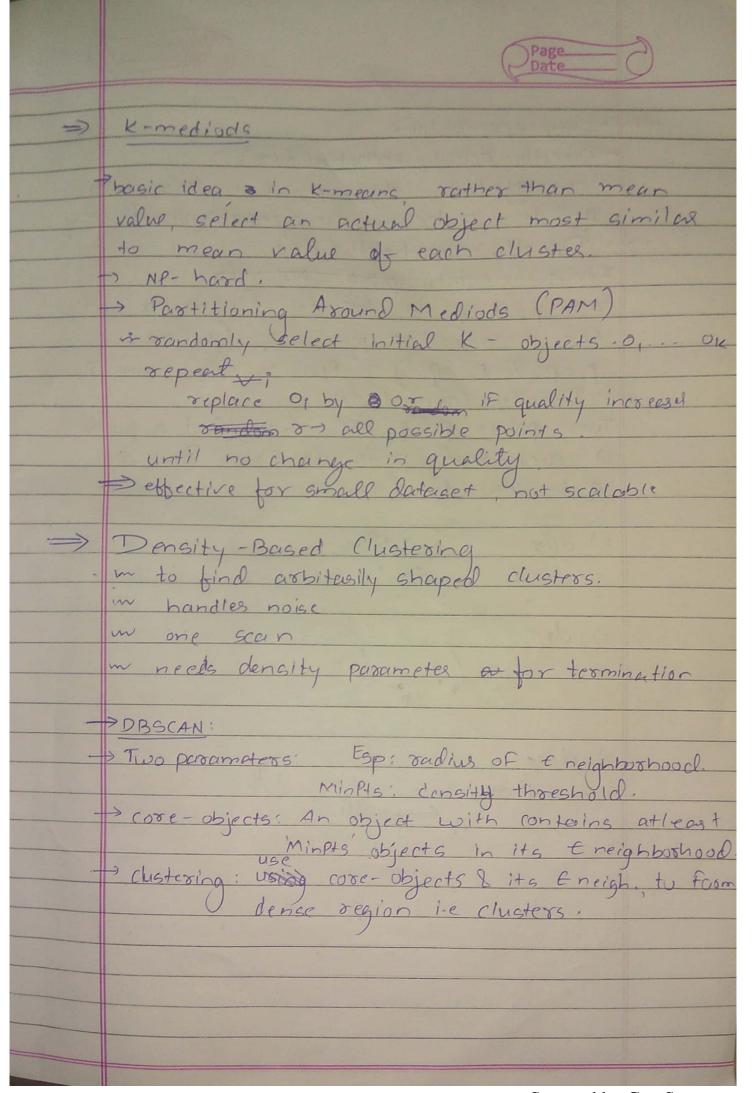
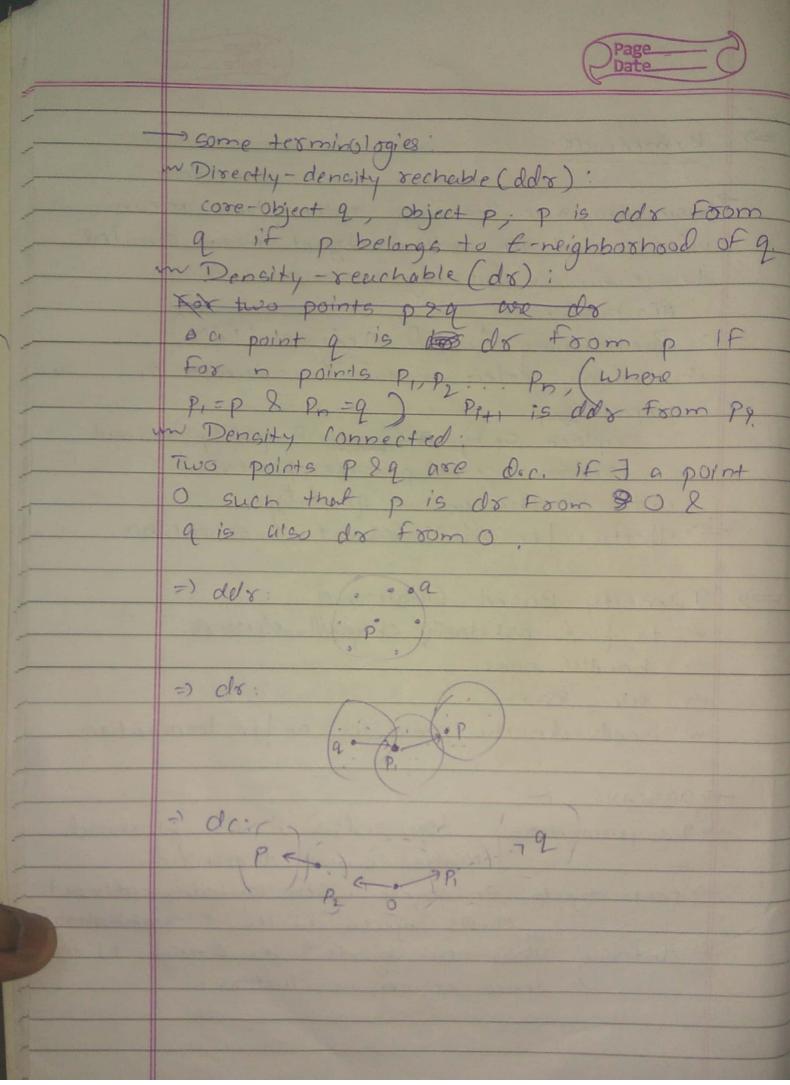
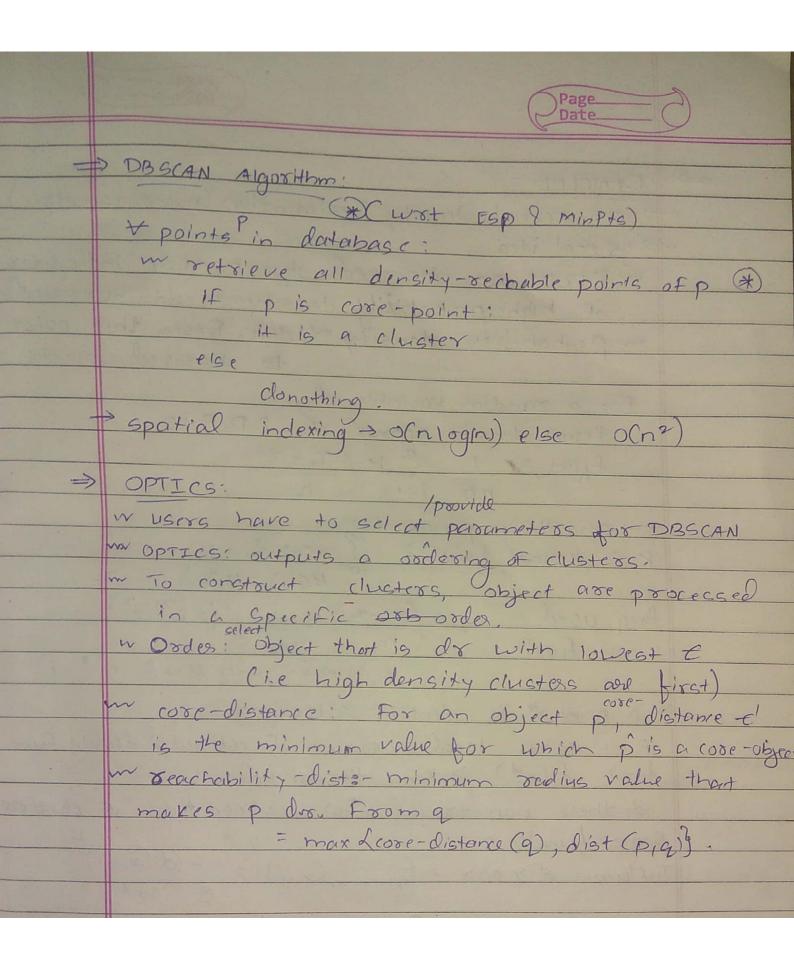
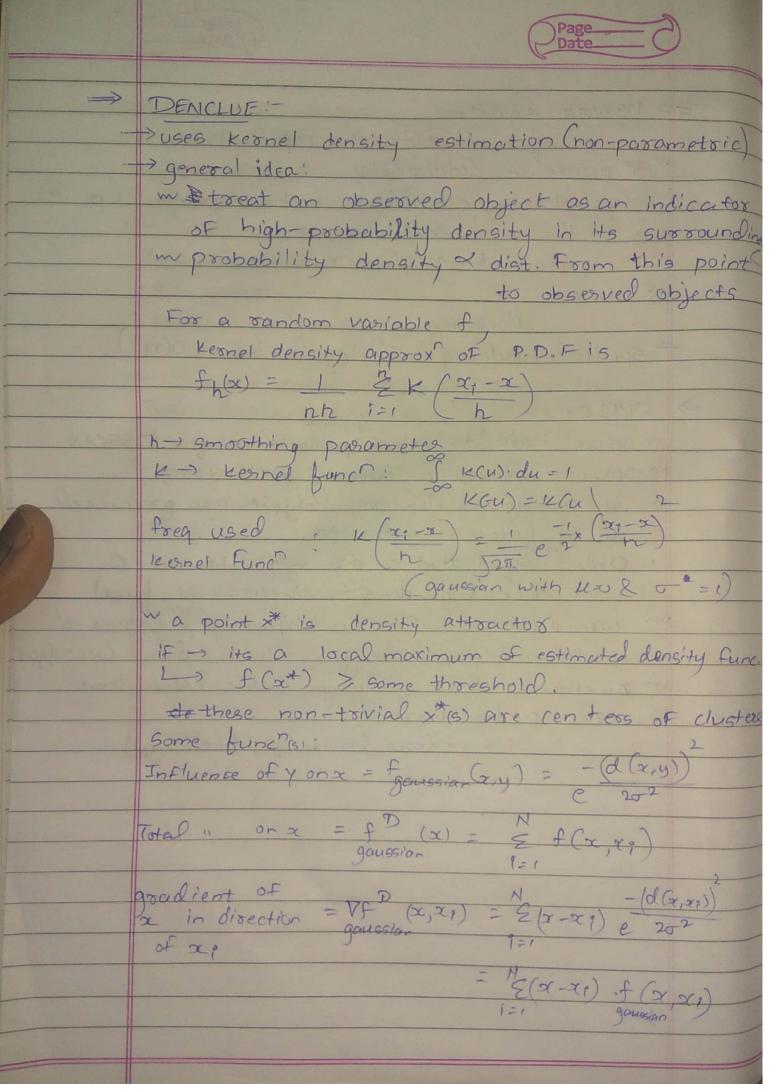


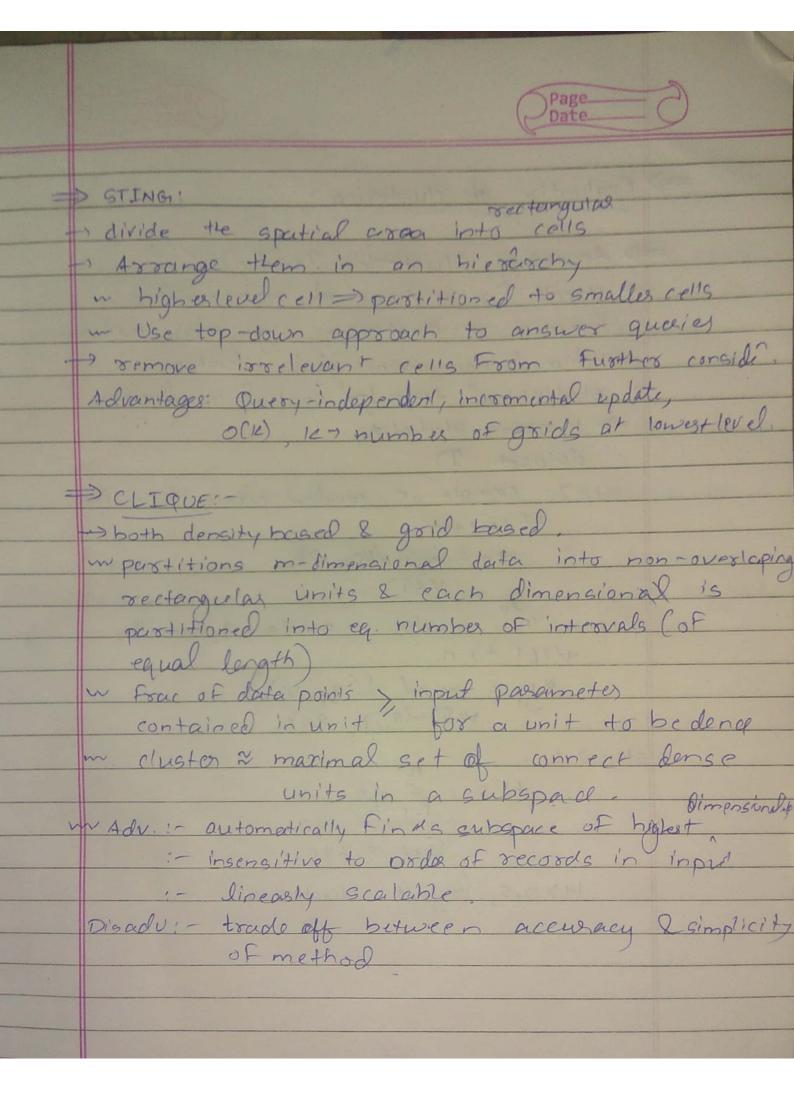
100		
	\rightarrow	
		K-means:-
	Maria Carlo	-> Form random k-partitions.
	7	-> repeat:
		"compute centroid of each cluster
		" Assign obj to nearest centroid forcluster
	July 12 November 1	until no change
		O(nkt) terminates at local optimal
1	Manual A. J.	Weakness!
-		
		- sensitive to noise (outliers
-	12313 30 34	Need to specify = K' in advance.
) What was a	> Variations
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	m selection of initial K means
		m dissimilarity calculations
		m strategies to calc. cluster means.
		The state of the s
1	\Rightarrow	K-modes
1		N. Modes
1		- Late De Locationsonin - doid poi retarito mi
		- Variation of K-means which can cluster
		nominal data
		- replace mean by mode.
	MANAGE A.	a different dissimilarity func
	and a bed a	-) freq based method to update mode.
1		paper moop.
1		A CONTRACTOR OF THE PARTY OF TH
1	100	and the second of the second o
	THE RESIDENCE	











> Evaluation of clustering: - Assessing Clustering Tendency: in check for existence of non-random because a clustering olgo may return random & norremeningful clusters.
~ statistical tests for spatial randomness: -> Hopkins Statistic: dataset D step 1: sample n random points Pi. Pn 29 = mindelp, No step 2: 111 y consider n points 91 - 9n VeD-29,92...903 Steps ? : 470.5, (reject clustering)

