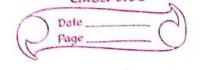


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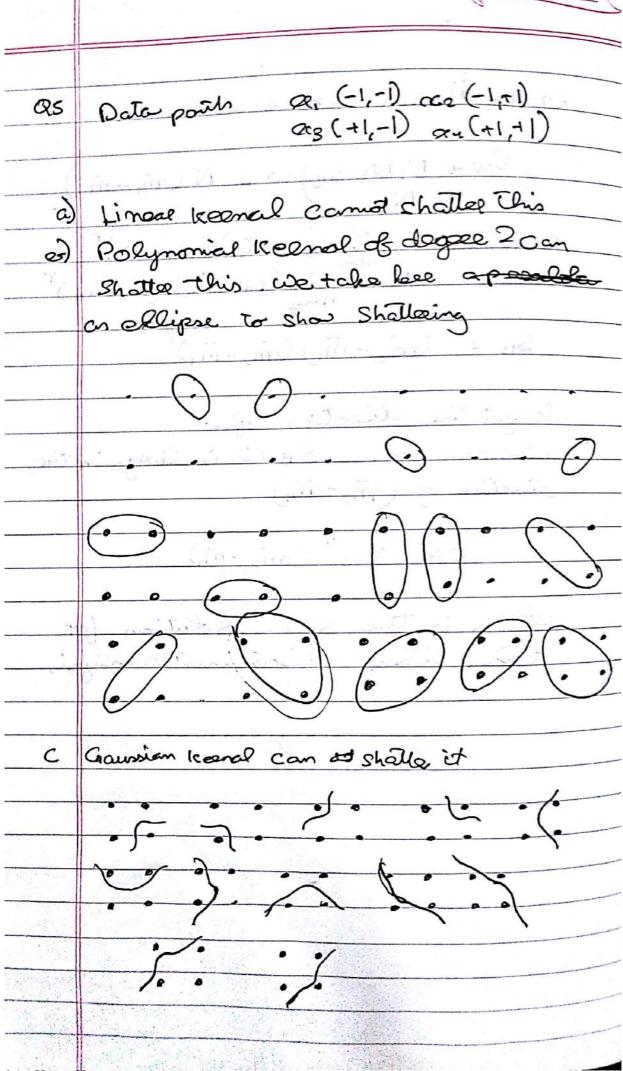
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Bayes classifiers means classification of occueence of their otteilutes in of Class 2 Scanned by CamScanner



	Let N be agnal to the total runber of data points and Ni Bethe data points for test and No for test Class 2
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	number of data points and processe
	detapoints for that and No for Class 2
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	12 a gal of one N for P and - N form 2
	we called t as Ni Gr P and - N Box 2
	Then the Samof Square error function
	$\frac{N}{C}$
	E= 1 5 (wTxm+ w. #tn)
	N T T TONO (1)
	$\frac{\partial E}{\partial \omega} = \sum_{m=1}^{N} \left( \omega^{T} \gamma_{m} + \omega_{m} - t_{m} \right)^{m} = 0  (1)$
	900
	$\frac{\partial E}{\partial E} = 0 \Rightarrow \sum_{m} (\omega^{T} \cos + \omega - Tm) = 0 $ (1)
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	from 11 compute
	from 11 compute
	200== WT m
	here m= N n=1
	ie m = 1 (N, m, + N, m, )
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	dataset belong to class C, and C2
i - v Aleks	and we can see
	$\sum_{n=1}^{\infty} t_n = N, \frac{N}{N_1} = N, \frac{N}{N_2} = 0$
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	Cirledona Cirledon
	(SW + N, N, SB) w= N (m, -m2)
	$(SW + N_1N_2S_8)w = N(\bar{m}_1-\bar{m}_2)$
1	Here $Sw = \sum_{n \in C_1} \sum_{n \in C_2} (c_n - m_1)^T$ $= \sum_{n \in C_2} (c_n - m_2) (c_n - m_2)^T$
	7 neci 5 (com-m2) 6cm-m2)
-	mec2
	$S_B = (\bar{m}_2 - \bar{m}_1)(\bar{m}_2 - \bar{m}_1)^T$
	$SB = (m_2 - m_1) (m_2 - m_1)$
	To get the direction of a
	To get the diection of as We can see . SB. W is Durys in the
1	disection of (m2-m1)
	(D& Sw (m2-m)
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	which is the same solution for fisher analysis
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