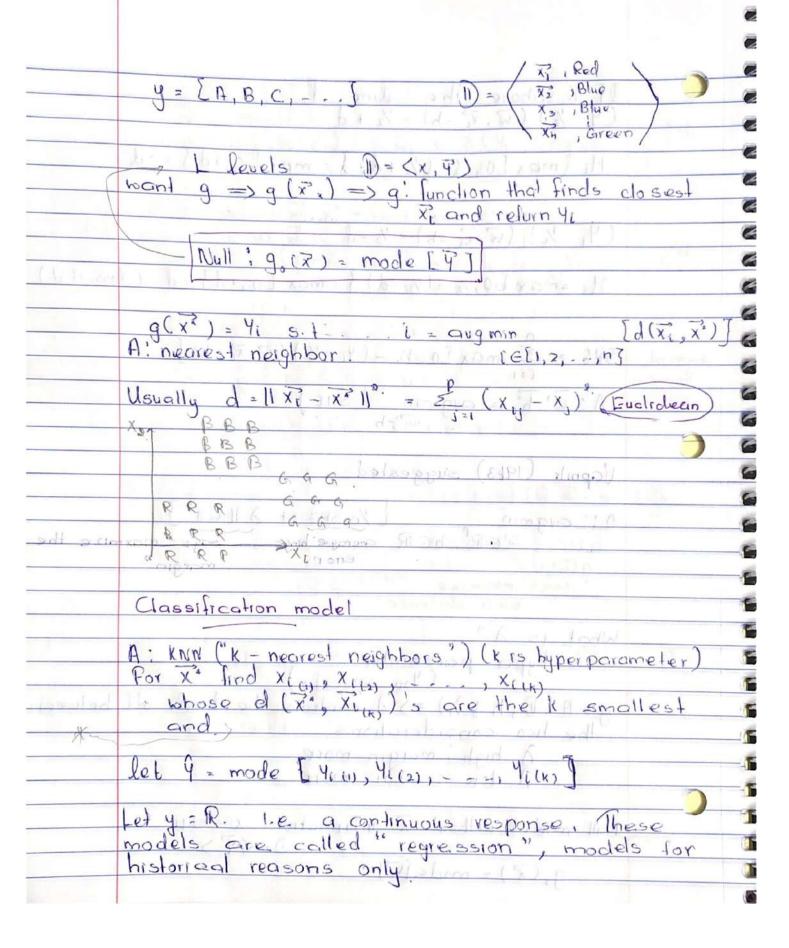


9	
9	
9	
9	140 · 5 \
9	If it above the line d.
3/24/5	(4, -1/2) (Q. x2 - b) = 1/2 + d.
a dro	2310 B7 /
	Hi = max [0, 1/2 + d)] = max [0, +d] = -d
A character	about look not and ip co (To) p co p I hoor
9	A market three is a second of the second of
9 ps/2 m	(4,-1/2) (W, x, -b) = 1/2 -d.
0 2	H1 = max [0, 1/2 - (1/2 - d)] = mox [0, +d] = d. (1000 of d)
9	M1 = max LU, 1/2 - (1/2 - a)] = mox LU, + a j = a. (1055 0+ a)
105 51	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
3 1 × × × × × × × × × × × × × × × × × ×	SHE = = max [0, 1/2 - (41 - 1/2) (W. xi - b)]
Sum of Hinge	[=1
a Caroclas	TA : WA TA 2 QUAMIN I SHE EX I & by Ullowall
9	A: W* b' = augmin (SHE)
9	The second secon
9	Vapnik (1963) suggested
3	
3	A: avgmin { /n SHE + > III }
3	WER, bER average hinge says "maxmize the
2	g(", b") error margin"
2	error distance" labor methodilised
3	2.0
	What is 2?
a (radaro	Hyper parameter.
	q = A(D, H;) => A controls the trade off between
3 40911	
3	The two considerations. A high i margin more
3	I low : error more
3	() (070) E1101 11:01E
3	Null model without & information X = NULL
a yol d	shown Troise sings ballon D. (4) Selation
•	go(R) = moda[4] o emelon locateland
3	Jo



-	
9	
	and the second of the second o
-	Null o (x) = V
	Null g (x) = Y
	Regression Hypothesis for p features
	Wo + W, x, + + Wp xp
9	H= W.X. WERPH
-5)	The set of all linear models
	X: [1, 7] 6 4 1 488 1 5
-5)	1 x1,, xp
9	CERONE APERE TENE
-5	$Y = g + (h^* - q) + (f - h^*) + (t - f)$
-	THE SEX WE THEN TO WAR.
-	5
-	h*(x)= Bo + Bix1 + -x. + Bpxp.
-3	Best possible Wy values
-3	
-2	Y = β, + β, X, + + Bp Xp + ξ
-3	Xn+ 1x 3
3	D[p = 1
-2	$P = 1$ $Square = (Y_i - \hat{Y_i}) = SSE$ $Sum of Sum of Su$
-	Leas regression square error
	g(x ₁) A: avgmax W \in R^{P+1} \big \(\frac{1}{2} \) \[\frac{1}{2} \] \[\frac{1}
3	h'(x,) H, avgmax 12 (4,-10,+w,Y,+1)
-	Woxpell
-	
-3	
43	Dt b=1
	SSE = \((4, - Wo - Wixi) 2.
	= E (41 + W) + W, x; - 24, Wo - 24, Wc Kc + 2WoW, x,
3	$= \left(\leq Y_{1}^{2} \right) + n W_{1}^{2} + W_{1}^{2} \left(\leq X_{1}^{2} \right) - 2 W_{0} n \overline{Y} -$
3	
1	2W, ≤ X, YC + 2WoW, OX
1	

O [SSE] Set O POSED HAM		
Sw3		T
2nw - 2ny + 2nw, x = 0		-
$= > W_0 - \ddot{q} + W_1 \ddot{\chi} = 0.$		-
$=) W_0 = \overline{Y} - W_1 \overline{X}$		1
Wo - 4 - W. A		6
O [SSE] set 0		0
9W,		4
DW, EX, - DEX, Y, + DWONX = 0.		4
		-
$= \sum X_i W_i = \sum X_i Y_i + n \overline{X} W_0$		-9
		-4
$= \sum x_i^2 w_i = \sum x_i 4_i + n \overline{x} (\overline{y} - w_i \overline{x})$		-4
		1
$(\leq x_i^2 + n\bar{\chi}^2) W_i = \leq x_i Y_i + n\bar{\chi}\bar{Y}$		(
	7	-
\Rightarrow $\omega_{c} = \leq x_{c} y_{c} + n \bar{x} \bar{v}$		(1
		1
1 - 10		- 3
The state of the s		
Least Const		
4 . AMARIA WAR TO MARKET TO A CONTROL OF THE AMARIAN A CONTROL OF THE A		7
P. (X)		T.
Canada a la		1
the state of the s	onley) /	3
The state of the s		1
The second secon	Luada /	1
(gK, w-dw-y1) = -783		0
(x be see + y in pro - pype - (x pr + pr + pr) = -		7
- Palore 15 x 3 Debry Control Cop & Docker Was William		-7
Knowned to yykuz pug		-A
		-
		1
		1
		4