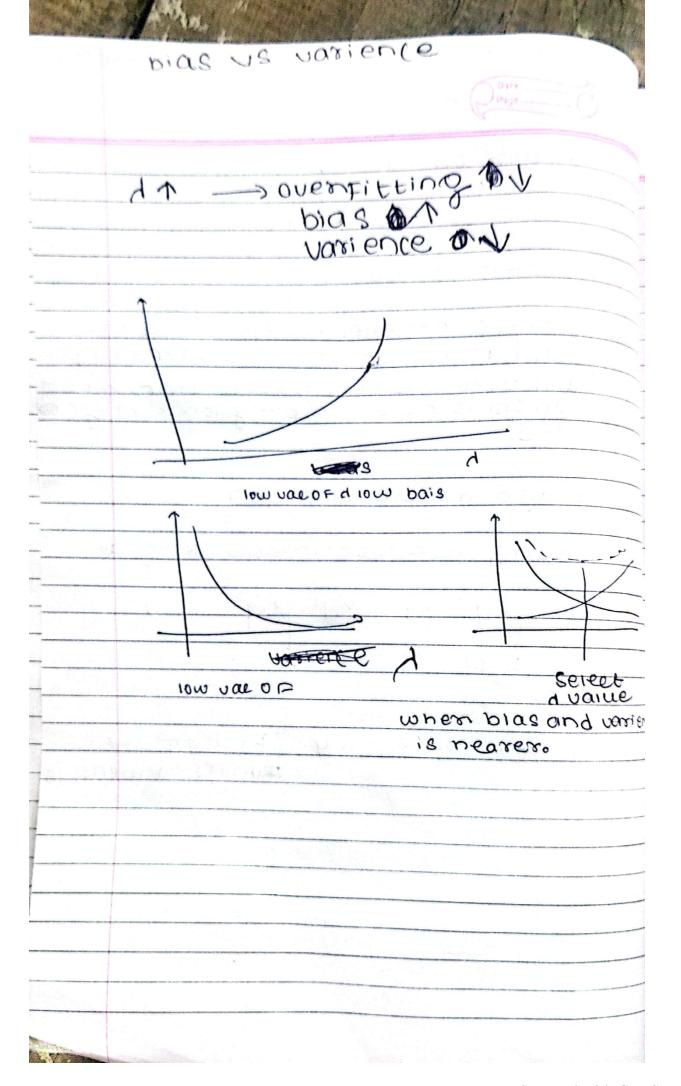


A STATE OF THE PARTY OF THE PAR	Ridgereg & coeff to Chut neaver to
	but 1080 = O vyes [stope nary]
	depends on 11w) or w
	1080-main benifit
=>	too higher dimension values of dambda will do Feature selection
	Twin zero the paticular column coeff which is not import y don't rely on
=)	It also decrese dimension
=)	mostig use laso in case of rigido
	XI (X2) X3 X4 X4
	wefo
	(Say) (PASO 180 (Say)
	1 (100)
	menteur es e dimension
,	



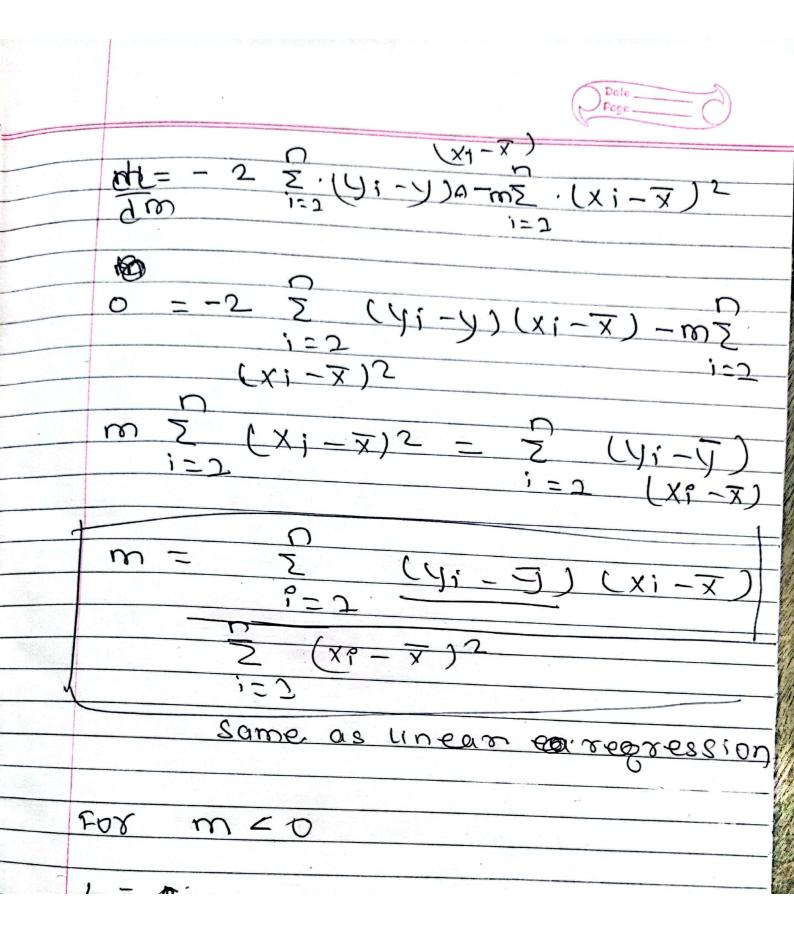
	Interview question
	Date Page
	LAND CYPOLOG COOPSITY.
	why laso creates sparsity.
	CILE AT WEST
	DIOS
	01
	For simple to the ear of $m = \frac{5}{5} (y_1 - \overline{y}) (y_1 - \overline{y})$
	$b = \Delta - \omega \times i = 1$
V -	mean(4) $\sum_{i=2}^{2} (x_i - \overline{x})^2$
× -	mean(4)
	For ridge reg g
75	_
	$m = z (\forall i - \forall j) (xi - x)$
	?=T
	$\frac{2}{5}$ (x; $-x$)2 + A
	2=1
	FOR LOSO FOR XIV
	sing we
	FOR LOSO FOR (XI Y)
1 6 - 27	
	$L = \sum_{i=1}^{\infty} (y_i^2 - \hat{y}_i^2)^2 + \lambda m $
	1=1
*1114-	
	L = \(\frac{\interpret}{2}\) (ye-\(\max\) + \(\frac{1}{4}\) + \(\frac{1}{4}\) + \(\frac{1}{4}\)
	(Adding 2 FOT only calculation)
	$L = \frac{5}{5} \left(\frac{1}{15} - \frac{1}{100} \times \frac{1}{100} - \frac{1}{100} \right)^2 + \frac{1}{100} \times \frac{1}{100} = \frac{1}{100} = \frac{1}{100} \times \frac{1}{100} = \frac{1}{100} = \frac{1}{100} \times \frac{1}{100} = \frac{1}{100}$
	The Amount man of the state of
	we know comod fun is not dif

Usowal barne K ر٥٥ case -> I m > 0 $L = \sum_{i=1}^{n} (y_i - mx_i - \overline{y} + m\overline{x})^2 + 2Am$ dl =25ye-mxe-y+mx (-xe+x) Rearrangment -V) - em (xi - x dm 121=0 (y;-y)(x;-x)-m(x1-x)2 (+a) = 0 I(1)-1)(x1-x)-0m 5(x1-x)5 or, m Z (x; -x)2 = Z (y; -y)(x; -x) Z LY; - \) (X; - \ 5 (X! - X)5 tor w=+ve

milb



laso E02 m 20 5 (A:- X) (X:- X)-4 E(X:-X)2 IOI M=O = 2 = (4) = - J - mx = + mx 25 (y:-y-mxp+mx)(x+



	\$	7								
The same	wny sparcity									
	Three case									
	FOR 11 > 0									
	$\omega = \sum (X' - \underline{X})(X' - \underline{X}) - \underline{A}$									
	to 2 w = 0									
	$m = \sum (Y_i - \overline{Y})(X_i - \overline{Y})$ $\sum (X_i - \overline{X})^2$									
	$w = \sum (\lambda! - \Delta) \cdot (\lambda! - \Delta) + \gamma - (!!!)$									
	5 (XI-X)3									
	From eal									
	1et V = 111 - V1	22-1								
	X = (X)	- and								
	and .									
	1et yx = 100, 2=50'									
	01,									
	m = 100-1									
	50	1 0								
	d = 0 $m = 100 - 10$	m=9	4=100							
300	50	m = 9	10=0							
	m=2)	d>100							
	•		m= -1							
		A	alcad)							

(7000 TUN OF THIS TO I DE MEUTRE-MO'	agai gardai so alourithm rokinxa yeni	Storting	3 = 2, 4, 2, 0, -1, 5	Summery	3 (1) (3)	- 100+150 - 100+150	D + 001 =	m = \x + \d \x = \d \x	weneed to use earlisi	Connot u	311 H		
	7 0 fira Inchudoixa but	· Start (-2), m = (-5) (-)	(So 6) to (So (So (So (So (So (So (So (So (So (S	<u> </u>	D = -100- A (00(3))	980	d = 180, m = 0	11 80	3	V+001-	300 XX = -100, X2 - 50	Original Control of Prices	

1= 2 (y;-y;)2 + a/(w)12 + b/(w)1 1= 0+6; U-rotio = a -) dende	what if you have no colums on more long to then use glastic regression which is combination of both.	
		by default A=1, 11xatio=0.5 -as as at b -as as a