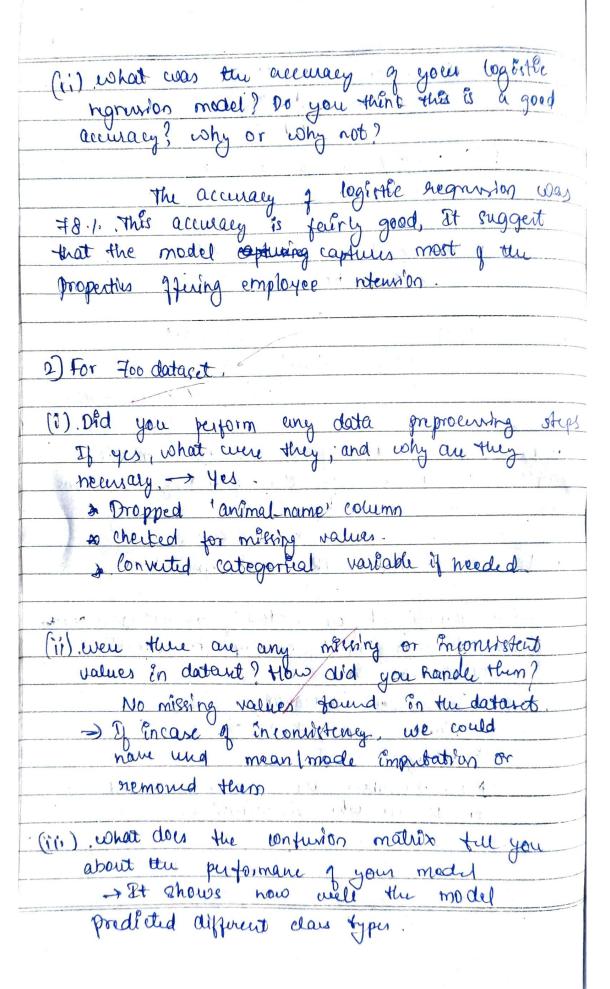
Consider a binary classification problem where we want to problet whomas a student where pars or fail based on their study nows. The logistic regression model has been trained, and the beauned parameters are a0 = -5 (Entercept) and a1 = 0.8 (coefficient of study hours), @ Write the logistic argument equation for this problem. (6) Calculate the probability that a student studius for 7 hours who pars. Z=-5+0.8x7 20.6 = 0.6479 Determine the pordited class for this student band on threshold of 0.5, if p(pass) > 0.5 student will pass elle he will soil 2) Consider 7 = [2,1.0] for the clarker, Apply software function to find probability of values of three clarks

Softmax (zo) > 0 26
Softmax (30) = 0 20
$P(1) = e^2 = 0.665$
e <sup>2</sup> +e'+e°
P(2) = 0 295.
$P(2) = e^{1} = 0.297$
$P(3) = e^{\circ} = 0.09.$ $e^{2} + e^{i} + e^{\circ}$
2 + 0 1 000
Authority
A Private Color Star or an array of the color
Alter la GIAGNA ALL MARRIED MARIE
After building tu logsette regression models,
write the above too the following questions
in your observation book
1 to 10401 00 410 ma a park
1. For datased fely "HP_comma_sep.cev"
Con shills was table ded was a start of the sample of the
(i) which variable did you or Edentify as having a frame
different and clear impart on employee retention ) is
* Soddsfaution level de la financia
Time spent in company.
Dumber 2 projects
Salary State 1 133
These varfables are choosen based on
trends in data visulaitation
and the property of the second
egg of the state of the state of

The second second



→ A dlag	rlgh	numb	en a	i cor Xintx	reit	pa	allet ali	lon,	alor	ng tu
îv) which	do c	type you the ophible	ent i	une Hiss Dir	ma ha	osa, ppen	fright d?	uth	g m	visdavý
Reasons	: 4		they	han	L	simi	lar	fre	tuu	٠
		decte	00	boun	day	es 1	shy	h or	lay	not
		sepe	extro a	ell 7	for	com	Slev	. da	6	
· · · · · · · · · · · · · · · · · · ·	· · ·	(1)	):1 <u> </u>			× > ''1	· , .*	- (	• (	,
	0		-	* }	<u>.</u>		1	1	-	
		3		•		!	ž.		; /	
	* ,			, <u>\</u>					· •	
				•			antenna de la composición del composición de la			
	7 1. KW	1 7	1	7 4		1				1 17
· · · · · ·			eriotiskylvasina krii sinnetini n	11		· · · · · ·	. 1	( r		
	er selventur och transferiore, aver traditione av								Andrews and Market Street Assess	
				1 11	Notice of the second state of the second sec	1111		directa post surapo	11 11	e con el tradicional plus alculus frances, ma
	17.	V			4			0.1		

resident and a series of	pmiliat	the fregat.	entralis de la composition della composition del	n per ancia single cran co	Charles we get
Peason	nge	Palary	Distance		jalg
8		72	96.6		27 C 20 C C C C C C C C C C C C C C C C C
C.		70	and the second second		
D		10	414		Y
E	4.3				4
F *	82	46	60.1		NATIONAL PROPERTY OF THE
dı	= 10		100-50)2 =	and the first of t	
d <sub>1</sub>	= 10	36-18) 2+(		and the first of t	6 .
d 2	= 10 = 10 Tdewl	35-237 +	(100-50)2 =	46 s	