Interpretation of Coeffici	iente
Simple linear Regression	
	holn) = $\theta_0 + \theta_7 \chi$ $fpred = \beta_0 + \beta_1 \chi$
	Losed = Bo + B, X
	012
	A
Ex! Marks of student based on	no of hours studied
J = W@	rks of student of hours.
$\chi = v_0$	of hours.
Marks Gudent	0 . 0 7
<u>C</u> fud en	$\theta_0 + \theta_1 x$
	pred = 50+2:52
2	1 prod
βοβι	6 0
	<u> </u>
$\Rightarrow ho(x) = 50 + 2.5 \times \frac{\chi}{\mu_0}$ of hours.	no of hows
β ₁ → With I unit incre studied, the marked by 2.5 units on	ase in solumber of the
object the same	case in number of hours
In. 1.5 mits	s of Students will increase
) of 23 cases on	un average.
βo > The average score is 50 when no of hours studies is equal to 0.	
Clar	dies de la
> + 4	sons it equal to U.
<u>50</u> + 215 %	o de la companya de
30 7 2 3 7	
Ex-2 Spofcar Want to Predict	t Price of Car based on Age.
d pred =	120-3.2 (Age)
X	Po Bi
2	with I unit increase in Age of or, the SP of Car is creased by 3.2 units on an
Age $P_1 \rightarrow Q$	or the SP et car is
de	creased by 3.2 units on an
	6.10



