



g 82=100%, RMSE=0	
y = g plot	E= diff ht ord y
y y	e = diff g and y (residual.)
If R2 goes up T => RMSE goes V	
IF R2 goes down => RM SZ goes 1	
Example:	
y= # days of late payment. B2= 98%	
Ruse = 25 days => ± 50 days from y	yx > fit y ioto x.
Lirear model pz 1	RMSE = O coignal.
Lirear model p=1 one forbre ray > Xrom E E red, green forded O I Vindiator fortion green	Boton Housing data phenomenon -> price.
X E & O, 13 binary	6 + 6, X
$y \sim x \mathcal{A}: \text{ OLS}$ $\hat{y} = g(x) = \begin{cases} \hat{y_r} & \text{if } x_{ron} = \text{ red } (x = 0) \\ \hat{y_g} & \text{if } x_{ron} = \text{ green. } (x = 1) \end{cases}$	= bo + b, x = gr + (yg - yr)x