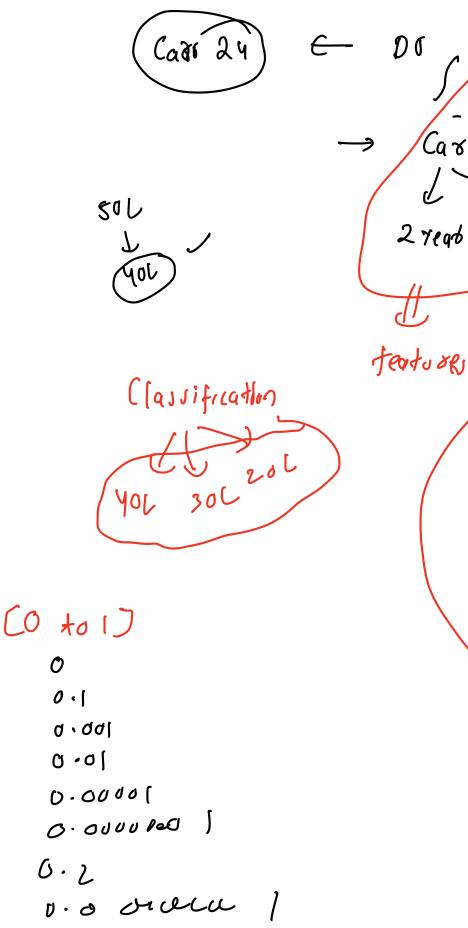
Linear Regression-1

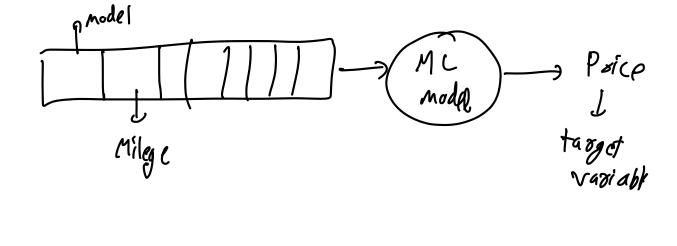


Regsession

+ 401.40A

+ 401 YORF 20)

-> 40 LATR LIJ



One Hot Encoding

Age	Milage	Make	Cost
20	16	Masuti	201
30	40	Ford	301_
_	_	Mazuti	~
	_	Maruti	
	_	Food	_
2 Noke +	2 Age	+ Y Mile	ge = cod
2 × Maruti	V	•	

o Tdingl

Cabel encodique

J.		ı		
School	Age	Milage	Make	Cost
High school	20	16	1	201
Graduate	311	90	2	301_
Greduati		_	۱ ۷	
Poot Grad		_	Maruti	
1001 0040		_	Ford	_
		l	,	
Į	V			

Marsia > 1 Food > 2

		•	า	1	1
Age	Milage		Cost	Make_Maroti	Make_For
20	16		201	1	0
30	40	1	301_	0)
	_		~	1	٥
_	_		_	1	0
_	_		_	0	ſ
		· \		,	

Age	Milage	Make	Cost	Make_Marin	, I mak.	For BA	w #1
20	16	Masuti	201	l.	C	⊘	6
3 U	90	Foxe	301_	0	1		0
	_	BMW	_	O	O		0
	_	Maruti		k	O	0	0
_	_	Ford	_	0		U,	0
—	—	flunda;	_	0	CV	0) (

Tagget Encoding

0 to 1

$$x_{scale} = \frac{x - x_{min}}{x_{max} - x_{min}}$$

d → # feature,
m → # sample
n → 2

m *d

 $\alpha^{i} = [x_{i}^{i}, x_{i}^{i}, \cdots x_{d}^{i}]$

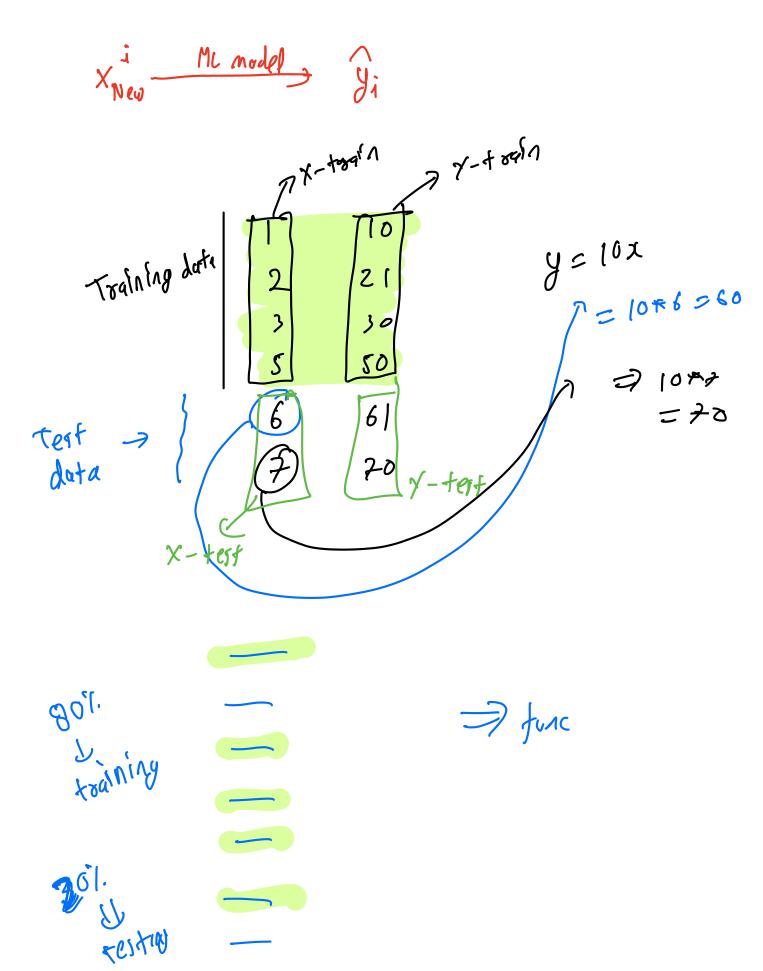
Ji Ji Fredicted of

Break: 8:32

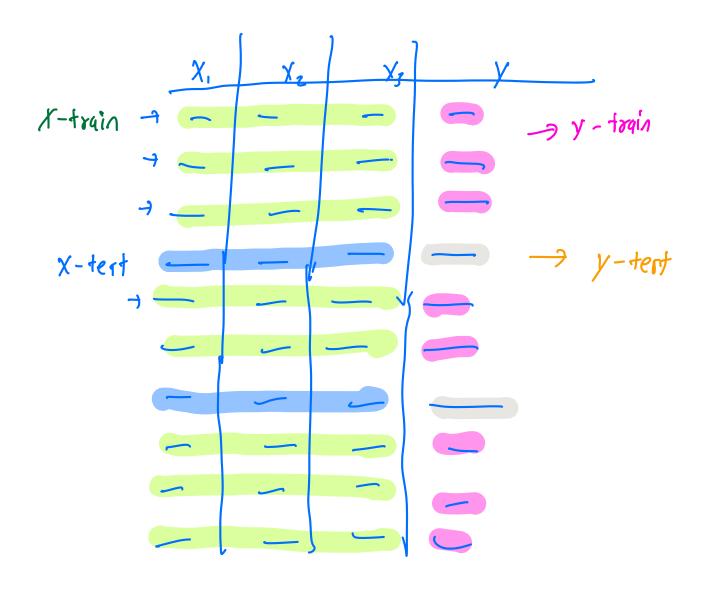
$$\begin{cases} x^{i}, y^{i} \end{cases}^{m}$$

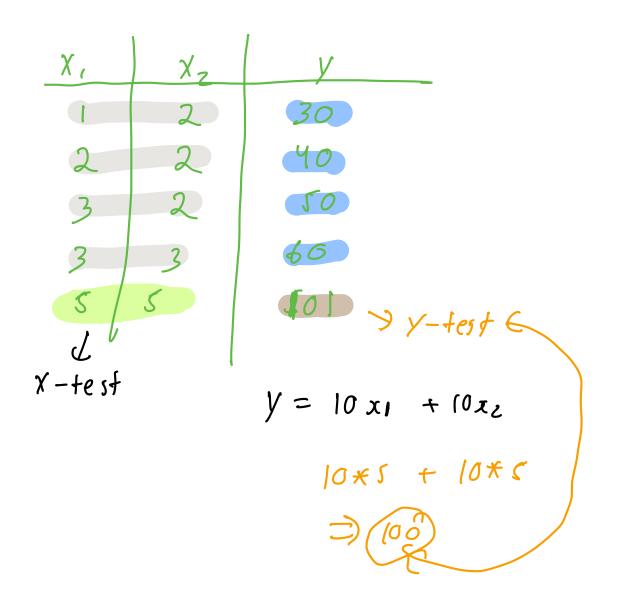
$$x^{i} \xrightarrow{Mc \text{ model}} \hat{y}_{i}$$

$$\hat{y}_{i} \approx y^{i}$$







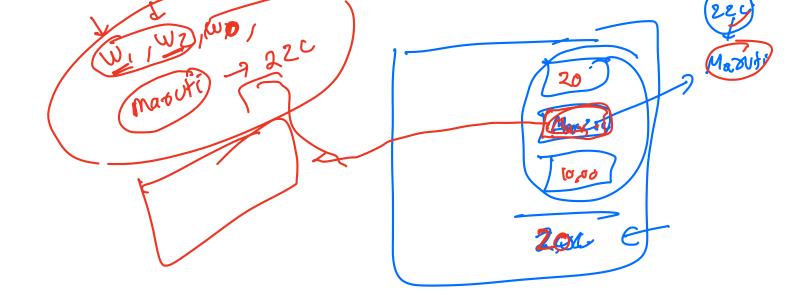


CTRL +5

Population UP (120 100 cities Rahul Gardhi Bangalore Rahal Can

M w3x3 + W1X1+W2XL+W0=0

Sim



Google Jeur Ming