

## Multilinear Represenon

Stop Share

## Talking: Geethika

Model pagameters = Ro, B, B, B2,... Bd y

1. Assumptions on the parameters

2. Assumptions m X-Valher

Multicothucanty poblem

- 1. The features Should be Completely independent of each other-
- 2 The features should be dependent on the y-value.

y = \begin{align\*} & \b

Area Bedrooms Weaking Honse
Nr. Nr Price

Corld be Geecheller

and bon

HP.

HP.

Hocat

Curpa for

Curpa

20 11 0.5 3 25 (0.5)

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Nornely

Listrimil vd-

## Assumptions in the residuals.

4 3.1 (0.8) Enlequellent.



**(1)** 

You are screen sharing

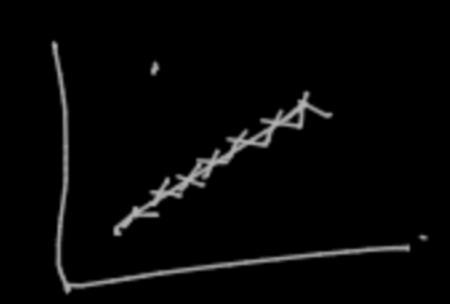
Talking: Geethika





Talking: Geethika

W7 => milege )



$$x_1 x_2 x_3 y$$
.  $\Rightarrow$  ?

Bohn

Har

W7 V\_ MPa => .0. 277 VOL VS MIL => .0.28

(Wit + VOL) - MAG 50/-

VIF -> Vamance Inflahm Fachv > /mt of collinearly in the model-INUVIF bilter the model.

Talking:

Lower (the VIF the bellew-

W7 1 VOL V

R SPNHP+W7+VOL

WT -> SP HP VOL RL VIFW7 = |- R-2-W7