size. No. bedrom No. yours - Price

n -> number of tentres.

X(I) _ 7th. sample (row)

X=(i) - feature j in sarple

Hypothesis.

- total NO. of transy samples.

 $h_{\theta}(x) = \Theta_{0} + \Theta_{1} X_{1} + \Theta_{2} X_{2} + \dots$

 $X = \begin{bmatrix} x_0 \\ x_1 \\ x_2 \end{bmatrix} \theta = \begin{bmatrix} \partial_0 \\ \Theta_1 \\ \vdots \\ \Theta_n \end{bmatrix}$

hour = OTX.

J(0) = = = = == [(h6(xi) - yi)

(= 0 - & 01(0) for all]

の= 的- み気eixi

what's multi-Variable hyposis timetion?

what's cost tweether? I teature weight for team ?? How to update Og ____ teature weight for team ??

Feature Scaling.

skened cost function.

Mean Normalization

Learning Rate

Xii = 572e teets.

Xi = 572e teets.

Xi = 100 of bed rowns. 1-5.

 $\frac{7}{4} \leq xi \leq 1$ $\frac{7}{4} \leq x$

 $X_{\overline{i}} = \frac{x_{\overline{i}} - \overline{x_{\overline{i}}}}{Rough (x_{\overline{i}})}$ (N/5t for $X_{\overline{i}} = X_{\overline{i}}$

(Raye = Knab - Yim?) (or standard deviation)

Not converge

slower (urese - that converge shaller bigger. not converge

0-001 0-003 0001 0.03