

Multiple Linear Regression

Dataset

Weight \swarrow I/P

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Height \swarrow O/P feature

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$$h_0(x) = \theta_0 + \theta_1 x \quad \swarrow \text{I/P or Independent}$$

θ_0 = Intercept

θ_1 = slope

House Price

Dataset

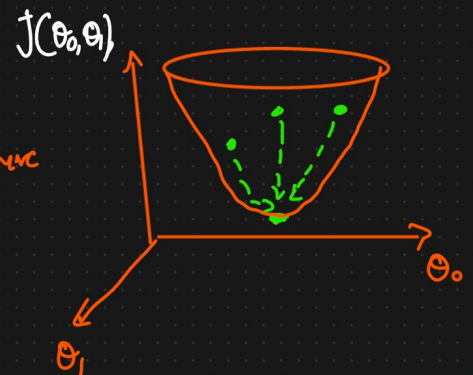
Independent
features

No. of Rooms

Size of House

Location

Price



$$h_0(x) = \theta_0 + \theta_1 x_1 + \theta_2 x_2 + \theta_3 x_3 \quad \left\{ \begin{array}{l} \text{Multiple Linear} \\ \text{Regression} \end{array} \right.$$

$\theta_1, \theta_2, \theta_3$ = coefficient

θ_0 = Intercept