Week 1

Linear Regression

Hypothesis: $h_\theta = \theta_0 + \theta_1 x$

Parameters : θ_0, θ_1

Cost Function: $(\theta_0, \theta_1) = \frac{1}{2m} \sum_{i=1}^{m} (h_\theta(x^{(i)}) - y^{(i)})^2$

Goal: find θ_0, θ_1 to minimize $J(\theta_0, \theta_1)$