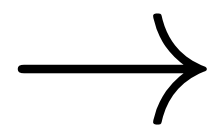


Data
 $\{x^{(i)}, y^{(i)}\}_{i=1}^N$



Learner

Objective

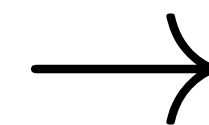
$$\mathcal{L}(f_{\theta}(x), y) = (f_{\theta}(x) - y)^2$$

Hypothesis space

$$f_{\theta}(x) = \theta_1 x + \theta_0$$

Optimizer

$$\theta^* = (\mathbf{X}^T \mathbf{X})^{-1} \mathbf{X}^T \mathbf{y}$$



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