Foudation of machine learning

Volviane Saphir MFOGO

November 22, 2019,Accra

Chapter 1

Supervised Learning

1.1 Regression problem

Given a set of data point $D = \{(X_i, y_i)\}_{i=1}^{n}$ where X_i are the feature and y_i ***are the target corresponding to the features***

The hypothesis function is :

$$h_\theta(X) = \theta_0 + \theta_1 x_1 + \theta_2 x_2 + ... + \theta_n x_n = \sum_{i=0}^{n} \theta_i x_i \qquad (x_0 = 1) \tag{1.1}$$

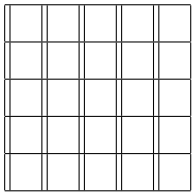
1.1.1 Linear Regression

$$\min_{\theta}^{i}$$

$\min_{\theta}^{i}$

please Ola look eqaution of (1.1)

4747	554646			
	6565			
			5455454	



1. saphir

    (a) ola

        i. volv

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$$\frac{23}{34}\partial$$

$$\mathbb{E}$$

$$\mathbb{N}\,\mathcal{N}\,\mathbf{N}\,||$$

$$\{\,\exp\log\notin\neq|\nabla_\theta$$