# Laboratory 1

Dr. Rajiv Kapoor

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**Overview**

Fit a Curve to the given data using Linear Regression Curve Fitting. Fit a function

$$h_\theta(x) = x_0 + \theta_1 x + \theta_2 x^2 + \cdots + {}_n x^n$$

Refer Section (1.1) (1.2) (1.3) of the book Pattern Recognition and Machine Learning by Bishop.

**Data**

Download the data from this link.