Tutorial_03_Tasks

August 10, 2018

QBUS6850 - Machine Learning for Business

Semester 2, 2018

Tutorial 3 - Linear Regression 1

2.1 Question

- Add noise to the linear model https://powcoder.com
- Produce a scatter plot y against x, add the true values f to the plot.
 Fit a linear model to the data, using the normal equation: β = (X X)⁻¹X^TY to estimate β₀ and β_1 .
- Fit a quadratic regression model to the data, using normal equation to estimate parameters.