Intro to Data Science With Linear Regression

Linear regression is the fundamental building block of data science and analytics.
If you ever venture into data science, this will most likely be the first model you're taught.

This lesson is aimed at those with no experience in data science or programming.
It's also designed to teach you what a linear regression is, and how to write
a regression model within Scikit-Learn.

Computer Prerequisites & Installation

The instructions below will walk through the necessary software requirements to
complete the lesson.

Prerequisites

Download and install Anaconda. For this exercise, download the Python 2.7 version.

Anaconda Install & Setup

Mac/ Linux (Ubuntu)

Open the Terminal application. Then, type the following code.

1. `python`
2. `from sklearn import datasets, linear_model`
3. `from sklearn.metrics import mean_squared_error, r2_score`

PC

Launch the command line. Then, type the following code.

1. `python`
2. `from sklearn import datasets, linear_model`
3. `from sklearn.metrics import mean_squared_error, r2_score`

References

Boston Data Set