Machine Learning 101 : Introduction to Multivariate Linear Regression

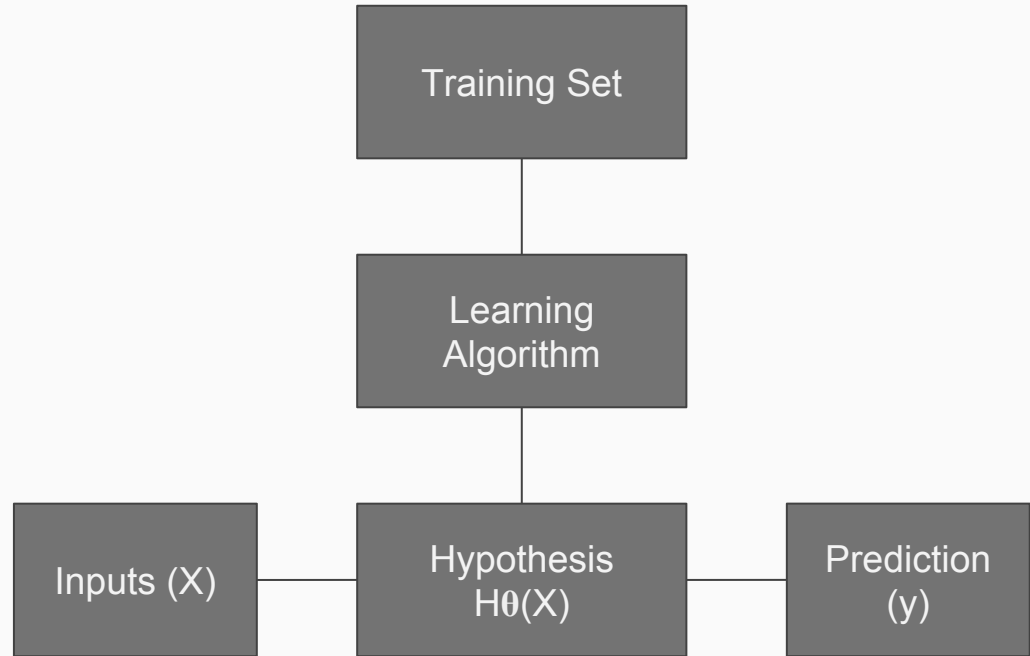Yomesh Gupta | Github | AdPushup

What is Machine Learning?

A computer program is said to learn from experience E with respect to some task T and some performance measure P, if its performance on T, as measured by P, improves with experience E.

Tom Mitchell (1998)

Types of Machine Learning

1. Supervised learning
2. Unsupervised learning
3. Others : Reinforcement learning, Recommender systems.

Board Overview of Supervised Learning

Data is the new oil. Oh yeah!

- Drunk Data Scientist

Linear Regression

Learning Algorithm

Hypothesis

Cost Function

Gradient Descent

Predictions

Thanks!

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