

Introduction Training Models

Precondition

Before start check out:

You have read and understood

- Linear Regression
- Classification

If not look it up later.

The mission

In this lesson we will:

Introduce the concepts of Training Models

Linear models

Look at a real example

Learning curves of regression

Outcome

After this lesson you have learned about:

Different Training Models

Gradient Descent

Batch and Mini-batch Gradient Descent

Stochastic Gradient Descent

Regularized Ridge vs. Lasso

Early stopping

Next step

Its time for some assignments:

Discuss and answer theoretical questions in the assignment "*Training Models*

Questions"

Solve the "*X exercise*", if any

Next time is about Logistic Regression