

Optimization minimizes the error of a model on observed samples.

Machine Learning
Regularization

Neural Network Regularization

Optimization

Machine Learning prioritizes the model performance on unobserved data, assuming *i.i.d* (independent and identically distributed), called generalization.

Regularization

Optimization
Machine Learning

Regularization is the process of bridging the generalization gap between the performance on observed (training data) and unobserved samples (validation and test data).

Idea: Reducing the capacity of the model

Neural Network Regularization – Bridging the generalization gap

