

Machine Learning Primer

Claudius Gros
Institute for Theoretical Physics, Goethe University Frankfurt, Germany

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Preliminary Content

Linux Intro (supplementary)

Python Tutorial

PY First Steps
PY Object Oriented Programming
PY IO & Streams
PY Expressions, Functions & Time
PY Utilities
PY PyTorch

Part I: Foundations

Information Theory
ML Machine Learning - Linear Classifier
ML Support Vector Machines - Basics
ML SVM - Soft Margins & Kernel Trick
ML Decision Trees
ML Neural Networks

Part II: Deep Learning

ML Boltzmann Machines
ML Deep Architectures
ML Reinforcement Learning
ML Generative Architectures

Part III: Understanding AI (*advanced*)

ML ...