



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Deep Learning

2324-114R007

Title

Deep Learning

Teacher(s)

Elisabetta Fersini

Language

English

Short description

- Background concepts
- Training Deep Networks:
 - * Objective functions
 - * Activation Functions
 - * Regularization
 - * Gradient-based optimization
- Focus on Deep Networks:
 - * Autoencoders

- * Variational Autoencoders
- Practical Methodology:
 - * Performance Metrics and baseline models
 - * Selecting hyper-parameters
- Deep Learning in Practice: Tools, Tips and Tricks

CFU / Hours

2 CFU, 16 hours

Teaching period

July 2024

Sustainable Development Goals
