Assignment 1

Standard Practices in Supervised Deep Learning

Part 1 - Setup and Baseline

Main file: `svm_experiments.py`

Neural Net Components

Training loop: `training.py, fit_classifier()`

Layers: `layers.py`

Part 2 - Feed Forward Neural Net

Main file: `fully_connected_experiments.py`

Net implementation: `fully_connected.py`

Part 3 - Convolutional Neural Network

Main file: `cnn_experiments.py`

Net implementation: `cnn.py`

Utilities

Model comparison: `model_comparison.py` deals with the task of loading metrics from a directory tree and creating plots and comparison tables, including automatic choice of colors, line shapes and markers.