ML in der Medizin: Übung 3

Installation

Usage of Python virtual environments (https://docs.python.org/3/tutorial/venv.html) or conda (https://docs.conda.io/en/latest/) virtual environments is highly encouraged

The command line instructions below will install Python packages in your current default Python environment. This exercise should be executed with **Python 3**, not Python 2!

```
pip install -U pip
pip3 install torch==1.3.1+cpu torchvision==0.4.2+cpu \
-f https://download.pytorch.org/whl/torch_stable.html
pip3 jupyter matplotlib scikit-learn tqdm watermark
```

If you have access to GPU, then you can install torch with GPU support (assumes you have correct NVIDIA CUDA drivers). Read more here https://pytorch.org/get-started/locally/

Execution

Extract files from a zip archive and run a jupyter notebook.

```
unzip uebung-3.zip
cd uebung-3
jupyter notebok
```

Reply to questions, and do the tasks described inside the notebook. Hand in a completed notebook preferrably in *ipynb* format, with all cells executed. Alternatively, you can hand in a generated *pdf* or *html* report. See jupyter nbconvert for more info https://nbconvert.readthedocs.io/en/latest/.