Small Data Practice
Installation Instructions

FOR ALL:
    source /opt/anaconda/bin/activate root
    conda deactivate

CPU/GPU (for cuda 10; adapt the command to your own config):
    conda create -n tp4_gpu_env python=3.7 anaconda -y && 
    conda activate tp4_gpu_env && 
    conda install pytorch=1.7.1 cudatoolkit=10.2 -c pytorch -y && 
    conda install torchvision=0.4.2 -y

CPU ONLY (should work in all cases):
    conda create -n tp4_cpu_env python=3.7 anaconda -y && 
    conda activate tp4_cpu_env && 
    conda install pytorch=1.7.1 -c pytorch -y && 
    conda install torchvision=0.4.2 -y
Description of the dataset

50,000 labeled images spanning 10 classes. Tests are run on 10,000 test images. Each image has dimension 32 x 32 and 3 color channels.

In the context of this Practice: we only use the labels of the 100 first images.