

## Practice exercises 3

You will get familiar with a full baseline training pipeline: loading the data, implementing the model architecture, training and evaluation, logging the metrics. This document is an overview of the practice exercises. Detailed instructions and explanations are provided in the accompanying Jupyter notebook.

**3.1** Recalling how to load the data from Practice 2.

**3.2** Introducing simple metrics, such as accuracy and F1-score.

**3.3** Loading pretrained network.

**3.4** Learning about the gradient flow implementation in PyTorch. Learning about components of training (`loss.backward()`, `optimizer.zero_grad()`, `optimizer.step()`).

**3.5** Implementing the training and evaluation functions, logging and plotting the metrics.

**3.6** Training a simple network.