

## **Practice exercises 6**

You will get familiar with Graph Neural Networks using PyTorch geometric, familiarize yourself with message passing framework and implement and train a Graph Convolutional Network for a binary classification task on proteins. Detailed instructions and explanations are provided in the accompanying Jupyter notebook.

**6.1** Get familiar with PyTorch geometric : how to load datasets, view information about the graphs.

**6.2** Understand message passing framework in Graph Neural Networks.

**6.3** Implement and train a Graph convolutional network on the PROTEINS dataset for a graphs classification task.