In this module, I learned about the significance of tensors in deep learning and how to use PyTorch's "sequential" function to build and train a basic neural network. Regarding tensors, I learned that tensors are a fundamental mathematical concept in the world of artificial intelligence, serving as the building blocks for deep learning models. Tensors are multi-dimensional arrays that can represent various types of data, such as images, text, or audio. They provide a structured way to store and manipulate data, allowing models to learn patterns and make predictions based on the information they contain. Tensors are particularly important in the context of neural networks, where they are used to represent the input data, the weights and biases of the network, and the output predictions. Understanding tensors and their properties is crucial for working with AI since they form the foundation upon which most modern deep learning architectures are built. The labs of this module contained further information about tensors and showed how neural networks use them. Additionally, the labs allowed me to gain experience with building and using multilayer perceptrons, which are basic neural networks, and with implementing a neural network for making predictions on data.