Introduction to Deep Learning (Python)

Understand the basics of deep learning, from the mathematical fundamentals to modern applications, with hands-on practice.

Mathematical and algorithmic fundamentals

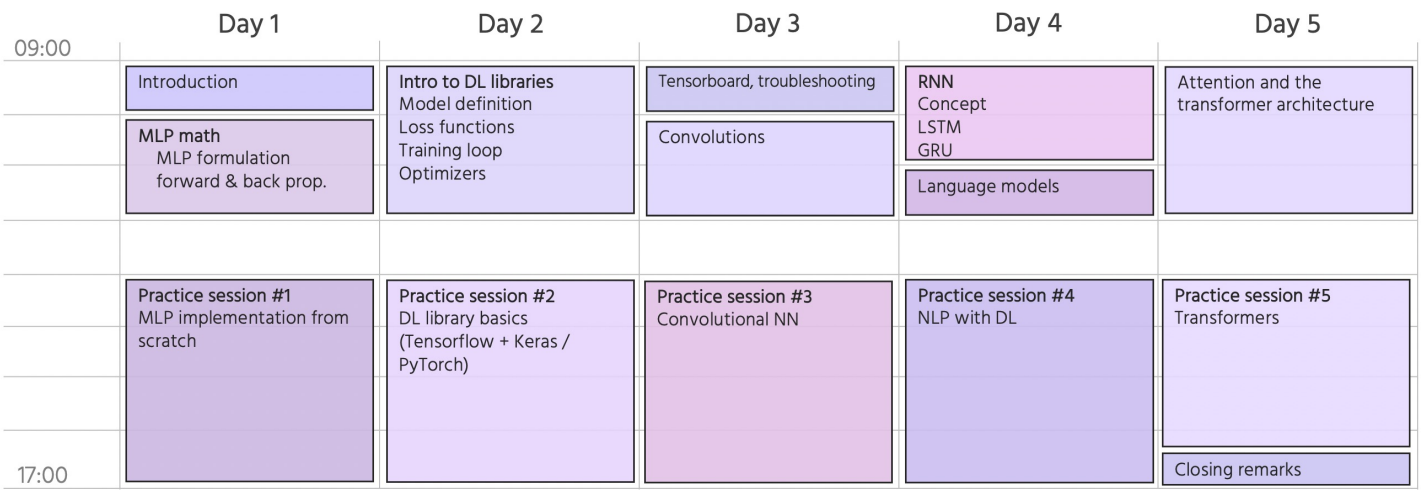
Implement a simple multi-level perceptron training from scratch.

Applications

Apply various architectures (convolutional, recurrent, transformers) to problems from the domains of computer vision and natural language processing.

DL frameworks

Learn how to work with one of the popular DL frameworks in Python, utilizing the GPU and monitoring the process.



Prerequisites:

- Experience with the data science ecosystem in Python
- ML background
- Comfortable with linear algebra and calculus

andersource

daniel@andersource.dev