Deep Learning, Winter 2024/25

Final Project Guidelines

A final report should contain:

- Introduction, where you describe the topic and why you decided to use the neural networks for a given problem
- Short description of the dataset and basic exploratory data analysis.
- Description of the neural network architecture you use in your work.
- Summary of the learning process, where you show the entire learning procedure (dataset preparation, hyperparameter tuning, etc.) and select the best model.
- Final remarks
- Bibliography

The project can be prepared in groups made up of **at most three students**. There are no limitations on the length of the report. It should be prepared in one of the following file formats: **.pdf**, .**ipynb**, **.html** or .**doc**; the package must contain the report, codes and datasets used in your work. Julia programming language and Flux.jl framework are preferred tools for this task. However, you could also prepare it in other programming languages (Python, Java, C) and frameworks (Keras, TensorFlow, PyTorch, etc.), but please confirm your choice with a lecturer (Bartosz Pankratz) prior.
Package with a project should be sent to the following address: bpankra@sgh.waw.pl.