- Being able to work in a group on a larger project
- To formulate a project within the provided guidelines
- Apply the material taught in the course to the problem
- Present your findings

Git-Branches:

feature-hydra
feature-docker
feature-pytorch
gitworkflows-precommit

Open Neural Network Exchange
(ONNX)
Interoperability

wait

Pytorch Lightning
AI framework
high-level

Pytorch
AI Framework
low-level

Peter

Unit testing
Practice of
testing parts

Uvicorn
(Asynchronous Server
Gateway Interface
loadtesting

wait

FastAPI
Python API
framework

wait

wait

Bento ML
Deployment Inference
platform

Cloud
deployment

Streamlit
Front-end app
framework

Pre-commit
Git pre-commit hooks

Adam

Git
Version Control

Ruff
Code standard
PEP518

DVC
Datamanagement
with Git

github automation
actions

Adam

Gunnar

Environments
Customized Python
.venv

Hydra
Configuration tool

Continous ML

Docker
Reproducibility

Mikkel

Cloud
Dev & training
scalability

wait

wait

Torch profiler
Find bottlenecks

Prometheus
Event monitoring and
alerts

extra

Logging / Wandb
train and fine-tune
manage models

Evidently
ML metrics and
observations

Pruning
Optimization

wait

Distributed data
loading

Distributed training