

Deep Learning - MAI

Autonomous lab - Transfer Learning

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The rules

- ❖ **Time:** 3 weeks to delivery (start now!)
- ❖ Done in **couples** (if possible)
- ❖ **Evaluation:** 30 minute interview (Why did you do 'X'? Why not 'Y'?)
 - Individual evaluation, non-transferable questions
 - Bring the material you used to take your decisions to support your work (loss/acc plots, histograms, conf. mat., etc.)

The task

- ❖ **MAMe**: Museum Art Medium dataset
 - Trained model for 1st lab is your baseline
- ❖ Fine-tuning
 - Beat your model training from a pre-trained one
- ❖ Feature extraction
 - See how close you can get with feature extraction methodologies
 - See the impact of pre-trained and/or fine-tuned models

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