

Applied Deep Learning in Medicine

Who we are

- Practical organised by PhD students
- Institute for AI in Medicine (<http://aim-lab.io/>)
- Part of Department of Informatics and Department of Medicine
- Offices at MRI (TranslaTUM) and Garching
- Developing methods for the intersection of AI and medicine
- Close collaboration with medical experts

What is it about?

- We want you to be able to apply your deep learning skills in the wild
- Using machine learning is a huge hype in medicine
- So this is a two birds with one stone situation

How will this look like

- 2 Teams, 3 persons per team
- Each team gets one medical dataset
- One or many goals to achieve on this dataset
- (Bi)Weekly progress meetings
- Consultation with medical experts on outcomes
- Computational resources are available

How will it be evaluated

- We will grade each project
- At the end everyone sends us their perception of the distribution of the workload/ participation of subtasks in their team
- Individual grades will be team grade adapted by contribution
- Team grades will be decided based on our perception of how well structured and thoughtful you tackle this project

Matching

- For the matching we can rank students
- We do not expect that you are already experts
- However, we do expect that this is your specialization in your studies
- To assess this there is a voluntary option to fill out a google form which tells us about your background
- All data entered will be only used for the purpose of the practical and deleted right after
- Questions?

<https://forms.gle/Joktmn92pVpVaCMa6>