Machine Learning Exercises

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Machine Learning

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Weekly Assignments

- Assignments are to be uploaded to Ilias

- Deadlines are shown on the submission page

- You need to have at least 50% in total of the assignments to
   be eligible to take the exam

- Each weekly assignment will be graded out of a maximum of ~5 points

- **Group Requirements:**

  - **Assignments must be completed in groups of 4 people**

Weekly Assignments

- Your solutions should have enough documentation to understand it

- A lack of justification or insufficient reasoning may lower your assignment score

- **Questions have to be answered, code is not enough. Always submit PDF and the notebook**

- **Write the names, student ids and usernames of all group members on the sheet**

- The solution have to be uploaded on Ilias before the deadline

- **Make sure you have access to Ilias!**

Weekly Assignments

- Deadline for exercise Sheet 0:   18.10.24 5pm

- Next week during exercise session: only questions and discuss problems

- Exercise sheet 0 will be discussed on 24.10.24 and 25.10.24

- Next exercise sheet will be uploaded next Thursday/Friday

Forming Groups:

[Thursday Groups](#)

[Friday Groups](#)

General Information

The entire course will be conducted using the Python programming language. Before starting, it's important to familiarize yourself with the following tools:

1. pip: Learn how to install and manage Python packages

2. conda: Understand how to create and manage virtual environments

3. Download Anaconda: Anaconda Download Page

4. NumPy: an essential package for performing highly optimized operations on matrices

General Information

What to expect from the exercises:

- Short repitition of concepts

- Writing on the board

- Questions

Team:
- Prof. Dr. Paul Swoboda
- Jan Ruhland
- Torben Frederik Heckes
- Steffen Frye
- Dr. Hannah Franziska Löchel

I will be gone in November/December for one month and
Dr. Löchel will be my substitution