Machine Learning Lab Course

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University of Hildesheim, Germany

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Outline

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Outline

Course Introduction

▶ This course is related to the Machine Learning 1 course.

▶ We practice some machine learning concepts from the Machine Learning 1 course to understand the methods more deeply by implementing them ourselves.

Course Introduction

- ▶ **Group 1:** 10:00 - 14:00 every Thursday

- ▶ **Group 2:** 14:00 - 18:00 every Monday

- ▶ Group 1 is for the first semester / Group 2 is for the others

- ▶ The contents will be mostly the same

- ▶ If you cannot join the group that is more suitable for you because of another course or other reasons, you can join the other group.

Course Introduction

- ▶ **Group 1 Tutor:** Harish Malik (malikh@uni-hildesheim.de)

- ▶ **Group 2 Tutor:** Jung Min Choi (choi@ismll.de)

- ▶ You can ask questions via email or on Forum of Learnweb:
  - ▶ **3110 Group 1 Learnweb:** https://www.uni-hildesheim.de/learnweb2024/course/view.php?id=2711

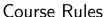 - ▶ **3110 Group 2 Learnweb:** https://www.uni-hildesheim.de/learnweb2024/course/view.php?id=2712

Outline

Course Rules

▶ Exercise sheets will be uploaded every Thursday afternoon.

▶ The submission of assignments should be done by the following Thursday.

▶ The submissions should be uploaded through the your Group of Learnweb **strictly** before the deadline.

▶ **Only the first exercise is due by this Saturday (26.Oct.2024).**

Course Rules

► You should submit both the Jupyter Notebook and the PDF version of the Jupyter Notebook.

► Recommend you to write the comments about the codes

► All files should be named in the format: {last name}_ {Immatrikulationsnummer}_Exercise_{number}.pdf and {last name}_{Immatrikulationsnummer}_Exercise_{number}.ipynb.

► Once you submit **the fourth exercise**, you are automatically registered for the Lab course, and points will be awarded at the end of the term, whether you submit the following assignments or not.

► **IMPORTANT:** Please make your decision to continue the course by the third exercise sheet.

Course Rules

▶ You can earn up to 4 points for the exercise sheets.

▶ You have to present **at least twice** to get the bonus points.

▶ Attendance is mandatory.

▶ A maximum of two missed classes in the entire semester is acceptable. Missing more than two classes without a valid reason will lead to cancellation of points for the exercises.

Outline

During the Course

▶ At each lab session, a few students (mostly 3-5) will need to present their solutions to the entire class.

▶ There will often be in-lecture exercises related to the tutorials. These will not be graded.

▶ Please bring your laptop.

Outline

Exams and Others

▶ There will be final-term exams. The exams will take place at least 4 weeks after the lecture ends.

▶ The mid-term exam is still under discussion and will be confirmed by next week.

Exams and Others

▶ We have a strict policy against plagiarism.

▶ If two solutions are similar, or if a student is unable to explain their own solution, it will be considered plagiarism.

▶ Be aware of using ChatGPT. If the solutions are mostly exactly the same between students because of use of ChatGPT, it will be regarded as plagiarism.

Thank you!