

Programming Machine Learning Lab



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Labs

- ▶ Three Groups (C147 - Samelsonplatz)
 - ▶ Group 1: Thursday (1000 - 1400) - Muhammad Sameer Ali Khan
 - ▶ Group 2: Monday (1400 - 1800) - Usama Abdul Samad
 - ▶ Group 3: Thursday (1400 - 1800) - Muhammad Abdur Rafae
- ▶ 80% attendance is mandatory

Please enroll only in your respective group

Tutorial Sheets

- ▶ Tutorial Sheets would be uploaded on **Monday** (learnweb)
- ▶ Tutorial Sheet deadline would be an hour before the respective lab starts.
- ▶ 80% submission of tutorial sheets is required.
- ▶ The tutorial sheets would not be graded.

Points system

- ▶ 4 points are need to be eligible for the final exam.
- ▶ Random students would be selected during the lab and would have to explain a part of their solution.

| Solution | Explanation (Cross Questions) | Points |
|--------------|---|--------|
| > 80% solved | - Can explain the code - Can correctly answer the cross questions | +2 |
| > 80% solved | - Can explain the code - Can not correctly answer the cross questions | +1 |
| > 40% solved | - Can explain the code - Can correctly answer the cross questions | +1 |
| < 40% solved | - Can explain the code | 0 |
| ----- | - Can not explain the code | -1 |
| ----- | - Is not present in lab | -2 |

Key Points

To be eligible for the final exam, a student needs

- ▶ 80% attendance in Labs
- ▶ 80% submission of tutorials
- ▶ To be able to explain their submission (to gain the 4 points)

The final exam would be a 3-4 hour long in-person coding exercise in the lab without stack-overflow or ChatGPT.

Possible Questions

- ▶ What if a student can't solve the tutorial sheet?

The student should try to solve as much as they understand and upload their solution to learnweb.

If such a student is selected for presenting the solution, they only need to explain the amount of solution uploaded by them and the issues they faced while solving the problems.

- ▶ What if a student submits >80% tutorials but still does not have the 4 points by the end of the semester

There would be viva session for such students in the last lab to attain the missing points

- ▶ Does it matter how the student gets to the solution?

It does not matter how the student reaches his final solution, (one can get help from friends, online forums, blogs and even ChatGPT). However, **the student must be able to explain the code that he/she has submitted** and how it can be modified to achieve a different outcome, or how the code would work if we remove or change a certain line.

The aim of the lab is to enable the student to understand how to code and reach solutions.