

## ***Course Report WASP Graduate School***

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### **Artificial Intelligence and Machine Learning 6hp**

Semester: Spring 2025

Number of registered students: 89

Answering frequency (course evaluation): 19/89 (21 %)

### **Examination results**

Number of students examined: 79

Fail: 2 ( 2,5 %)

Pass: 77 (97,5 %)

### **Brief summary of student viewpoints and suggestions**

#### **Results of WASP base-line quantitative questions**

- What is your overall rating of the course (1-5) – 3,68
- Did you enjoy the course? (1-5) – 3,74
- Was it time well spent? (1-5) – 3,32

#### **Answers to free text-questions to be (shortly) summarized under “Strengths” and “Weaknesses”**

- What was the best aspect of the course?
  - The mix of themes
  - The panel discussion
  - The projects from both Örebro and Uppsala were on a good level.
  - Learning about some foundational concepts.
  - Meeting fellow WASP students.
  - Mixed format online / in person
- What would you suggest improving?
  - There are two modules in the course that are not really connected, the AI part at ORU, and the ML part at UU
  - Faster feedback to the assignments
  - Experience depends a bit on previous knowledge
  - Go more advanced in some topics
- What advice would you like to give to future participants?
  - Have fun and enjoy the community

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<sup>1</sup> The report should be written by the examiner together with the teachers and possibly others, such as teaching assistants

- Prepare for the course
- Get started with the assignments while the contents of the lectures are still fresh in mind.
- Other comments. Is there anything else you would like to add?
  - Advanced courses should be taken only if a PhD student's previous education already covers the foundational courses sufficiently

### **"Strengths" according to students<sup>2</sup>**

- Were not asked for separately

### **"Weaknesses" according to students<sup>2</sup>**

- Were not asked for separately

### **Comments from teachers on the implementation and outcome of the course<sup>3</sup>**

- This is an introductory course that is indeed very broad as the fields of AI and ML are. There are many different topics, that should be covered though they could be better connected.
- Going deeper, more advanced in some areas would be possible at the cost of skipping some topics.
- Many have already taken an AI and/or ML course, and the learning experience naturally depends on the student's background. This probably holds for all WASP courses but especially for this introductory one.
- The different options for projects at ORU are beneficial as student can choose according to their background and research topic

### **Proposed changes/comments/measures**

- Be clearer on what students need to know before they start the lectures.
- Consider how to connect the topics and modules better.

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<sup>2</sup> Based on both quantitative results and key viewpoints from students' free-text answers

<sup>3</sup> Including changes effected during the course