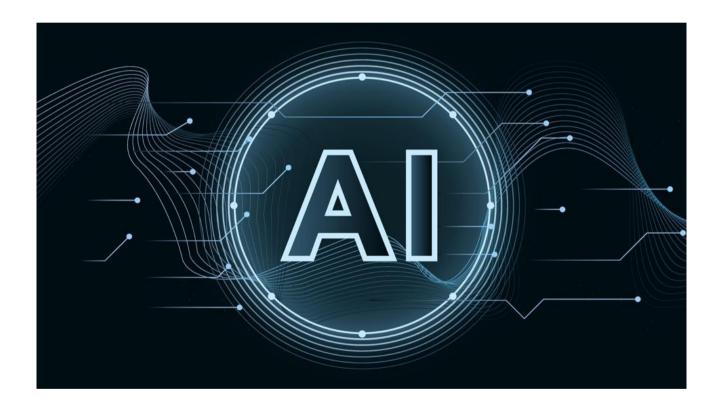# Semester 7 – AI for Society
Personal Development Report

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<u>Versioning</u>

Version	Description	Date
0.1	Start PDR	18-09-2022

Introduction

The 7th semester of the ICT & Software Engineering course at Fontys is on a minor or specialization that students had to pick themselves. Among the minors, one stood out: **AI for Society**. I was picked in this minor because I have not explored it that much. I am interested in the possibilities and I want to create a project using AI that is actually useful.

Contents

Learning outcomes

1. Societal Impact

"The student is able to approach the context and impact of their own AI project(s) from different perspectives in a sustainable way. In addition, the student is able to reflect on their own choices, taking into account data legislation and the (possible) impact on society."

This learning outcome focusses on societal impact. Thee student should be able to recognize their influence and reflect on choices made.

Development (undefined, orienting, beginning, proficient, advanced)

ID	Description	Level
0	Week 4	Undefined

Substantiation
0: Week 4
This first period was mainly used for getting to know the minor, making groups, and setting up the work environments.

Reflection on my progress
0: Week 4
This learning outcome has not progressed yet, so the level is: **Undefined.**

2. Investigative Problem Solving

"The student is able to critically look at their own AI project(s) from different perspectives, recognize problems and come up with appropriate solutions."

This learning outcome focuses on recognizing problems in the project and being able to fix them appropriately.

Development (undefined, orienting, beginning, proficient, advanced)

ID	Description	Level
0	Week 4	Undefined

Substantiation

0: Week 4

This first period was mainly used for getting to know the minor, making groups, and setting up the work environments.

Reflection on my progress

0: Week 4

This learning outcome has not progressed yet, so the level is: **Undefined.**

3. Data Preparation

"The student is able to collect data and estimate its quality and usability. The student is also able to adjust the data if necessary for proper usage in their project(s)."

This learning outcome focusses on gathering data and being able to decide which data is usable and the quality of it.

Development (undefined, orienting, beginning, proficient, advanced)

ID	Description	Level
0	Week 4	Undefined

Substantiation
0: Week 4
This first period was mainly used for getting to know the minor, making groups, and setting up the work environments.

Reflection on my progress
0: Week 4
This learning outcome has not progressed yet, so the level is: **Undefined.**

4. Machine Teaching

"The student is able to use data to train models in a way that fits the intended purpose. The student is also able to test whether the models have been adequately trained"

This learning outcome focusses on training models using data. It should also be tested to see if the model is working properly.

Development (undefined, orienting, beginning, proficient, advanced)

ID	Description	Level
0	Week 4	Undefined

Substantiation
0: Week 4
This first period was mainly used for getting to know the minor, making groups, and setting up the work environments.

Reflection on my progress
0: Week 4
This learning outcome has not progressed yet, so the level is: **Undefined.**

5 Data Visualization

"The student is able to use data to create an interesting, informative and compelling story in an (interactive) data visualization product, tailored to the right target group."

This learning outcome focusses on displaying results in an interesting and informative way.

Development (undefined, orienting, beginning, proficient, advanced)

ID	Description	Level
0	Week 4	Undefined

Substantiation

0: Week 4

This first period was mainly used for getting to know the minor, making groups, and setting up the work environments.

Reflection on my progress

0: Week 4

This learning outcome has not progressed yet, so the level is: **Undefined.**

6. Reporting

"The student is able to report in a methodologically sound manner on (the outcome of) own AI projects (project proposal, process documentation, reporting of final results, etc.)."

This learning outcome focusses on reporting and documenting progress in a professional way.

Development (undefined, orienting, beginning, proficient, advanced)

ID	Description	Level
0	Week 4	Undefined

Substantiation
0: Week 4
This first period was mainly used for getting to know the minor, making groups, and setting up the work environments.
However, the student already had to make a couple of documents which have been submitted on canvas.

Reflection on my progress
0: Week 4
This learning outcome has progressed a little bit, but not enough to change the level. The level is:
Undefined.

7. Personal Leadership

"The student shows an entrepreneurial mindset regarding their own AI project(s) and personal development, while being aware of their own learning capacity and keeping in mind professional ambitions in their future work field."

This learning outcome focusses on personal development. Being able to see where you stand and how much can still be learned.

Development (undefined, orienting, beginning, proficient, advanced)

ID	Description	Level
0	Week 4	Undefined

Substantiation

0: Week 4

This first period was mainly used for getting to know the minor, making groups, and setting up the work environments.

Reflection on my progress

0: Week 4

This learning outcome has not progressed yet, so the level is: **Undefined.**

8. Personal Goal

"<With this learning outcome, the student can set its own goal in relation to their future field of work. Describe this Learning Outcome in your PDR.>"

The student can improve an already existing system or progress by adding AI or replacing components with AI.

Development (undefined, orienting, beginning, proficient, advanced)

ID	Description	Level
0	Week 4	Undefined

Substantiation
0: Week 4
This first period was mainly used for getting to know the minor, making groups, and setting up the work environments.

Reflection on my progress
0: Week 4
This learning outcome has not progressed yet, so the level is: **Undefined.**

Reflection

Conclusion

Appendix

https://fhict.instructure.com/courses/12677/assignments/209183