[Date]

Diemen,Heather H. van

[company name]

Personal Development Report

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# Introduction

In this document I show my study progress. In it I write down where I am in this semester and how I am processing the feedback. In addition, I also write down where I think I should be and argue this.

# Learning objectives

## Data Preperation

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*Explanation*

You must be able to understand data that you have. Furthermore, you must also be able to ensure that you get accurate results by properly cleaning and preparing your data for future use. You also need to store your data in a way that it is good for the environment.

### First evaluation week 5:

I have not been able to do much with this yet. However, I did clean the data for the canvas assignments for further use.

### Second evaluation week 11:

As part of the group project, I have been involved in data preparation tasks, specifically focusing on preparing the data for visualization purposes. In addition to this, I completed data preparation exercises on Canvas. Furthermore, I have also prepared data for my personal data challenge, but I am yet to receive any feedback on it.

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**Self-assessment: Proficient**

I have undertaken data preparation tasks on several occasions, including for the Canvas exercises, the group project, and my personal data challenge. As a result, I believe that I have achieved proficiency in this learning outcome.

## Data analysis & model engineering

Graphical user interface

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*Explanation*

You must be able to create and train a model while considering aspects such as accuracy and precision. Furthermore, you also need to know ways of analysing data through clustering, trend analysis and other techniques.

### First evaluation week 5:

Also with this learning objective, I made the assignments on canvas that I had to train a model with on several occasions.

### Second evaluation week 11:

I completed all the exercises on Canvas, which involved creating various types of models, and subsequently received feedback on these exercises.

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**Self-assessment: Beginning**

I have completed all the Canvas exercises, and they have already been graded. However, as I am still working on developing the model for my data challenge, I believe that I am still at the beginning stages of this learning outcome.

## Targeted interaction

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*Explanation*

I must be able to show that I can have a professional attitude that matches the target audience I want to reach. Based on the target audience, I must be able to choose the right data visualization tools and information.

### First evaluation week 5:

In the assignments on canvas, I have already had to visualize something, however, I have received feedback on this that I have yet to apply.

### Second evaluation week 11:

I have attended the Woman in Data Science conference and participated in the career day at Fontys Tilburg, where I spoke about the AI specialization. In addition, I have completed data visualization tasks for both the group project and my personal data challenge and have received feedback on my work.

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**Self-assessment: Proficient**

I received feedback on my canvas assignment and completed data visualization tasks for the group project, personal challenge, and events like the Woman in Data Science conference and career day at Fontys Tilburg, showing my ability to target specific audiences.

## Future orientation

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*Explanation*

You must be able to guarantee that your assignment is future-proof by thinking about the consequences in society and in the environment. You must also show that you think about the implications of your data in terms of laws, ethics, and your own boundaries.

### First evaluation week 5:

For this part I haven't done much yet, I'm also not sure how to apply this in a project.

### Second evaluation week 11:

I participated in a lecture on law and ethics and subsequently discussed its content with my team for the group project.

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**Self-assessment: Beginning**

Through my work on assignments like the group project and my personal data challenge, I have considered the legal, ethical, and personal implications of my data. I have engaged in discussions with my team and peers and made efforts to ensure my work is future-proof and considerate of society and the environment.

## Investigative problem solving

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*Explanation*

I must be able to identify the questions I encounter in a clear and professional manner. I must then answer these by using reliable research methods and with reliable sources so that I show that I can think critically about myself.

### First evaluation week 5:

I have not been able to do much with this learning objective either. With my project group we have been working on the domain understanding where we learned to understand the vision of the company and come up with a solution to the problem.

### Second evaluation week 11:

Prior to commencing work on the group project, we conducted research on the topic to better understand the problem at hand. Similarly, for my individual challenges, such as my data challenge and open program, I also undertook research to gain a deeper understanding of the relevant issues.

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**Self-assessment: Proficient**

I have consistently undertaken research before beginning every project to gain a comprehensive understanding of the problem and to identify the necessary data required for the project. Based on this regular practice, I believe that I have achieved proficiency in this learning outcome.

## Personal Leadership

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*Explanation*

I must show that I have the motivation to learn the skills I need for this semester while encouraging my classmates to do the same. I must also take responsibility for my own work and choices and be able to take charge when necessary to meet my learning goals.

### First evaluation week 5:

In our mini company, I am project leader of the Air Quality team. With this role, I make decisions for my group and organize stand ups/stand downs.

### Second evaluation week 11:

In the initial weeks of the group project, I assumed the role of team leader. Within this capacity, I was responsible for organizing and conducting the morning stand-up meetings, coordinating the meetings with the instructors, and presenting our team's progress to the client.

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**Self-assessment: Proficient**

Based on my experience leading the team in the initial weeks of the group project, I am proficient in project management and leadership. I successfully planned and executed meetings, managed stakeholder relationships, and presented our progress to the client, resulting in positive feedback.

## Graduation Preparation

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*Explanation*

You create opportunities to acquire and define an internship assignment based on a match between your ambitions, the school's requirements and the field related to your profile or specialization.

### First evaluation week 5:

I won't be doing an internship next semester, so I don't know if this learning objective is relevant to me.

**Zelfevaluatie:**