ADAI course portfolio

Razvan-Marian Budurovici

Student number: 4801016

Individual repository:

<https://github.com/Razvan-Marian-Budurovici/ADAI-individual-repository-2025>

Group repository:

<https://github.com/FontysVenlo/grouprepository-group-2>

Learning goal I

Proficiency level: ---

Evaluate machine learning and neural network concepts, focusing on their  
working, their applications and limitations, and their application in real-world  
cases based on the Data Science Methodology, with a focus on ANNs, deep  
learning and CNNs

Learning goal II

Bloom level: Evaluate

Apply and evaluate annotation strategies, with and without machine learning  
techniques, emphasising the importance of accurate data labelling for  
training models, using annotation tools and guidelines, leading to better data  
quality and consistency, avoiding bias.

Learning goal III

Bloom level: Create

Evaluate Large Language Model concepts, focusing on their working, their  
applications and limitations, and their application in real-world cases based  
on the Data Science Methodology, taking ethical considerations into  
account.

Learning goal IV

Bloom level: Evaluate

Evaluate transfer learning principles and their importance for improving  
model performance with limited data, working on projects that use pre-  
trained models and datasets, leading to practical methods and positive  
feedback on their work.

Learning goal V

Bloom level: Create

Show adequate professional skills (future-oriented organisation,  
investigative ability, personal leadership and targeted interaction according  
to HBO-i) in assessing your current level, personal development on learning  
outcomes and professional behaviour, and working together in a group.