

Aysenur Arslan

Data Scientist | [LinkedIn](#)

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EDUCATION

MSc Data Science for Decision Making (Maastricht University)

Maastricht

- Main courses: Advanced concepts of Machine Learning, Data Mining, Algorithms for Big Data, Data Fusion, Explainable AI, Text Mining

02/2023 – Today

BSc Data Science and Artificial Intelligence (Maastricht University)

Maastricht

- Main courses: Intro. to Computer Science, Machine Learning, Data Analysis, Databases, Natural Language Processing, Image & Video Processing, Recommender Systems

09/2019 – 08/2022

PROFESSIONAL EXPERIENCE

Teaching Assistant, Maastricht University

Maastricht

- Teach students across the university in IT & Data Science related courses
- Lead tutorials and grade assignments

09/2023 – Today

Social Media Manager, Maastricht University

Maastricht

- Managing one social media account of our university
- Analyze statistics, interact & answer direct messages, cooperate with other university accounts
- Create content: Academic and non-academic

04/2023 – Today

Data Scientist in Big Data/Artificial Intelligence, Mercedes-Benz Group

Bremen

- Anomaly detection in measurement reports
- Implement various Machine Learning algorithms (using e.g., scikit-learn)
- Hands-on experience with Microsoft Azure Databricks, (Apache) PySpark, Deltalakes

08/2022 – 01/2023

SKILLS AND ABILITIES

- **Languages:** German (native), Turkish (native), English (fluent), Dutch (basic), Spanish (basic), French (basic)
- **Programming languages:** Python, Java, MATLAB, SQL
- **Other:** Object-Oriented Programming (OOP), Git, LATEX, other Python packages (pandas, numpy, statsmodels, matplotlib), PowerBI

EXTRACURRICULAR

Peer Mentor, Maastricht University

08/2021 - Today

- Mentor a group of 12 first year students through their first year of education at Maastricht University

Student Ambassador, Maastricht University

12/2021 – Today

- Present the Department of Advanced Computing Sciences to prospective students
- Offer guidance to prospective students regarding their choice study program

Private Tutor, Maastricht University

09/2020 – 07/2023

- Give private tutoring in selected courses of my BSc Data Science and Artificial Intelligence

Board Member and Secretary of MSV Incognito, Maastricht University

06/2021 – 06/2022

- Elected secretary for the study association of the Department of Advanced Computing Sciences (900 members)

Volunteer, UNICEF Student Team Maastricht

10/2021 – 07/2022

PROJECTS

- **BSc Thesis:** Benchmarking Machine Learning Models Using Breast Cancer Data Set.
- **Digital Assistant** Development of an AI, similar to Alexa, Google Home, Siri, etc.
- **Text Mining:** Gain information of the show “The Office” with the usage of different Natural Language Processing techniques such as Named-Entity Recognition, coreference resolution, Topic Modelling, and some evaluation of methods.