

# Jurriaan Engels

[Jurriaanengels@hotmail.nl](mailto:Jurriaanengels@hotmail.nl)

Amsterdam, Berlin

[Website](#)

[LinkedIn](#)

*Analytically minded data scientist/data analyst with a passion for data visualisation, data knowledge and statistics. I am excited to share my insights and experience to a team of likeminded individuals where questions lead to new discoveries and high-quality data analytics.*

## WORK EXPERIENCE

**A.S.R.** - Junior Consultant (Data Science Traineeship via House of Bèta)  
December 2022 – Januari 2023

- Build sustainable relationships and trust with customer accounts through open and interactive communication while following communication procedures, guidelines and policies.
- Providing both specific content-related and general information about products, policies and services of life insurances at A.S.R.

**TNO** - Graduate Intern  
September 2021 – May 2022

- Researched privacy enhancing techniques and how to combine these with graph neural networks in order to generate privacy preserving graphical transaction data.
- Providing entry-level knowledge of this subject to the data science department through presentations and setting them up for a bigger related project.
- Worked with several data scientists at TNO and two data scientists from two different financial institutions in order to define the quality metrics of the model.

## EDUCATION

**University of Amsterdam** - Master's, Mathematics (Specialization: Stochastics and Statistics)  
September 2019 – May 2022

**University of Amsterdam** - Bachelor's, Mathematics  
September 2016 – July 2019

## SKILLS

Python, R, Apache Spark, Azure Databricks, Git, Excel, VBA, SQL, PowerBI, Tableau, LaTeX, HTML, CSS.

## COURSES/TRAININGS

Statistical Data Analysis (UvA) , Advanced Machine Learning (MasterMath) , Dynamic Programming and Reinforcement Learning (MasterMath) , Kickstart Excel, VBA, Python (HoB). Full list on request.

## CERTIFICATES

**[Agile Scrum Foundation](#) (Finished)**– Basic fundamentals of agile and scrum projectplanning techniques and how to apply them in practice.

**[Machine Learning: A to Z](#) (Finished)** - Course on data preprocessing, regression, classification, clustering, RL, NLP, deep learning, dimensionality reduction and model selection in Python and R.

**[IBM Data Science](#) (9.4 over 10 courses)** - Course on importing and cleaning datasets, analyze and visualize data, and build and evaluate machine learning models in Python and R.

**[IBM Applied AI](#) (Ongoing)** - Creating AI chatbots, website deployment, AI-powered solutions with APIs, OpenCV, Image classification, cloud deployment, deep learning models.

**[IBM Advanced Data Science](#) (Ongoing)** - Fully scalable end to end data integration, deep learning pipelines, Apache Spark, SparkML, TensorFlow, Keras, Pytorch, Deeplearning4J, Apache CouchDB, MQTT.