

RODEL VAN ROOIJEN

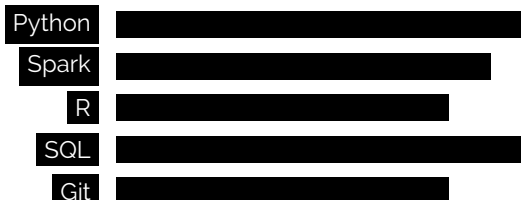
Data Scientist & Tech Lead

📍 Utrecht, the Netherlands
☎ +31 653567371
@ rodelvanrooijen@gmail.com

🌐 rodelvr.github.io
in linkedin.com/rodelvr
s At request

WHO AM I?

- Extensive experience in bringing Machine Learning (ML) solutions into a production setting.
- Writing production grade code using Python.
- Data pipeline orchestration using Apache Airflow.
- Working experience with various ML training (Dask, SKLearn, XGBoost, TensorFlow) and serving libraries (MLFlow)



Check out my [website](#) to learn more about me.

EXPERIENCE

- | | |
|--|--|
| 1/2021 – present | Technical Team Lead - Machine Learning (Experimentation & Payment Optimization)
full-time
Adyen N.V. <ul style="list-style-type: none">• Leading a multidisciplinary team to support product focused teams in bringing Machine Learning based solutions to production. The use cases are mainly aimed at optimisation of payment conversion, cost and reducing chargebacks.• Managing a team of 7 Data Scientists and Engineers. Responsible for growing the team, supporting personal growth goals and performance evaluation.• Coordinated the design and architecture of an Experimentation framework, servicing multiple teams internally to run experiments. Python / Spark / Dask / SQL / Looker |
| 7/2019 – 12/2020
1 year and 6 months | Senior Data Scientist/Engineer - Payment Conversion Optimisation
full-time
Adyen N.V. <ul style="list-style-type: none">• Mentoring a team of Data Scientists/Engineers to create and productionize machine learning based solutions to boost payment conversion rates and reduce fraud (RevenueAccelerate).• Grew the team from 3 Data Scientists/Engineers to 8.• Built and implemented a reinforcement learning framework to optimize the conversion rate of payments, while reducing the amount of fraud. Python / Spark / SQL / Looker |
| 7/2018 – 7/2019
1 year | Medior Data Scientist/Engineer - Recurring Payments
full-time
Adyen N.V. <ul style="list-style-type: none">• Managed, created and improved ETL pipelines using Spark and Airflow, laying the building blocks of Adyen's Big Data Platform. This platform is built for various purposes, e.g. training machine learning models, creating insights and running analysis on big data sets.• Developed and built a machine learning based product: AutoRescue. This product intelligently retries failed subscription payments at a later time to ensure highest recovery rates. Python / Spark / SQL / Looker |
| 6/2017 – 6/2018
1 year and 1 month | Medior Data Scientist - ALM Risk
full-time
ING Bank N.V. <ul style="list-style-type: none">• Developing machine learning models aiming to predict client behaviour (e.g. mortgage prepayment and savings withdrawal).• Coordinating across all ING locations to unify machine learning methodology for Asset and Liability Management (ALM). Python / R / Spark / SQL |

6/2016 – 7/2018
1 year

Junior Data Scientist - Model Risk
full-time

ING Bank N.V.

- Validation and model risk assessment of machine learning models used to predict client behaviour, forecast interest rate risk and used for capital calculations.
- Responsible for writing a high quality report on model risk measurements across all ING locations, aimed for the Executive Board and Risk Management committees.

Python / R / MATLAB / SQL

12/2015 – 6/2016
6 months

Quantitative Analyst Intern

intern

Rabobank

Graduate Internship applications of time series forecasting in Credit Risk.

Python / MATLAB

EDUCATION

2014 – 2016

Master of Science in Stochastics and Financial Mathematics

University of Amsterdam

- Specialized in Probability Theory and (Applied) Statistics.
- Written a research paper on the pricing of barrier options through computational methods.
- Graduated on a research internship topic in Credit Risk Modelling at Rabobank.

2011 – 2014

Bachelor of Science in Mathematics

University of Amsterdam

- Completed a Minor programme in Econometrics and Mathematical Economics.
- Graduated on a research project on the Exponential Random Graph model.

2005– 2011

Pre-university Education

Het Baken Park Lyceum

LANGUAGES

Dutch - native
English - fluent

HOBBIES

Table Tennis, Casual Gaming, AI for Automating Games

VOLUNTEERING

Helping out with organizing summer camps for kids with a refugee background.