

RODEL VAN ROOIJEN

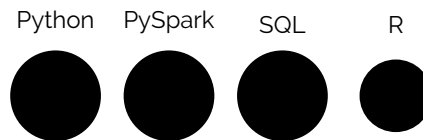
Engineering Manager, Machine Learning

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WHO AM I?

- Extensive experience in building Big Data insights and Machine Learning based solutions.
- Writing production grade code using Python.
- Data pipeline orchestration using Apache Airflow.
- Working experience with various Big Data (Apache Spark, Dask) and Machine Learning tooling or libraries (XGBoost, MLFlow, Sklearn, DaskML).



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

EXPERIENCE

- | | |
|---|---|
| 1/2023 – present | Founding Data Engineer
full-time
Solvimon |
| | <ul style="list-style-type: none">• Part of the founding team of Solvimon. Solvimon is a next-generation billing platform designed to help fast growing businesses manage their billing and pricing operations flawlessly.• I am responsible for everything data related, from setting up the data infrastructure to creating valuable insights for platforms. <p>Python / Spark / Google Cloud Platform / BigQuery / Looker</p> |
| 1/2023 – 7/2023
6 months | Engineering Lead, Machine Learning & Analytics
full-time
Adyen N.V. |
| | <ul style="list-style-type: none">• Responsible for Machine Learning development, Reporting and Dashboards for all Payments related products. Examples are RevenueProtect, RevenueAccelerate and merchant facing dashboards and report generation.• Managing multiple teams that are responsible for end-to-end machine learning products and building analytics products.• Hiring manager for all Data Science roles in Adyen. <p>Python / Spark / Dask / SQL / Looker</p> |
| 1/2022 – 12/2022
1 year | Technical Team Lead, Fraud & Authentication
full-time
Adyen N.V. |
| | <ul style="list-style-type: none">• Leading a multidisciplinary team focusing building ML products for fraud prevention.• Grew the team from 6 to 15, consisting of Data Scientists and Data Analysts.• Launched a machine learning based fraud detection product (Automated Risk) which increased revenue by millions by reducing blocked payments while keeping fraud at minimum. <p>Python / Spark / Dask / SQL / Looker</p> |
| 1/2021 – 12/2021
1 year | Technical Team Lead, Conversion Optimisation
full-time
Adyen N.V. |
| | <ul style="list-style-type: none">• Leading a multidisciplinary team focusing on building ML products for conversion optimisation• Responsible for growing the team of Data Scientists and Software Engineers, supporting personal growth goals and performance evaluation.• Coordinated the design and architecture of an Experimentation framework, servicing multiple teams internally to run experiments. <p>Python / Spark / Dask / SQL / Looker</p> |
| 7/2019 – 12/2020
1 year and 6 months | Senior Data Scientist
full-time
Adyen N.V. |
| | <ul style="list-style-type: none">• Built and implemented a reinforcement learning framework to optimize the conversion rate of payments, while reducing the amount of fraud. This resulted in hundreds of millions in additional EUR revenue for Adyen's merchants. <p>Python / Spark / SQL / Looker</p> |

7/2018 – 7/2019 1 year	Data Scientist & Data Engineer 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. Developed 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	
6/2016 – 6/2018 2 years and 1 month	Data Scientist full-time	ING Bank N.V.
	<ul style="list-style-type: none"> Validation and model risk assessment of machine learning models. Developing ML models aiming to predict loan prepayment and savings withdrawal. Coordinating role to unify methodology for Asset and Liability Management (ALM). Python / R / Spark / SQL	
12/2015 – 6/2016 6 months	Graduate 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
2011 – 2014	Bachelor of Science in Mathematics	University of Amsterdam
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.