Personal resume

April 16, 2026

Senior Data Scientist with 5+ years of experience owning production ML systems in regulated financial environments, specializing in transaction monitoring.

Louis de Bruijn

32-year old Python enthusiast

- Data Scientist at ING Netherlands
- Computational Linguistics, University of Groningen
- Natural Language Processing
  Full stack Web (Python)
- PySpark
  Sklearn, NLTK, Pandas, Numpy, Scipy
  Flask, Django, Javascript, HTML, CSS
- message me!

</> Core expertise

Production machine learning

NLP

Transaction Monitoring

AML/KYC analytics

Model monitoring & governance

Tools & Platform

Scikit-Learn, Pandas, Spark

Django, Flask, FastAPI

Docker, Kubernetes

Interests

Interior design

Marktplaats

Medium articles

Art

Languages

English	native/bilingual
Dutch	native/bilingual
German	professional working
Spanish	professional working
French	limited working

Work experience

ING
Amsterdam • 5 yrs 7 mos

Senior Data Scientist | Transaction Monitoring
Apr 2022 - Present • 4 yrs 1 mos

End-to-end ownership of production ML models in AML monitoring, operating in a regulated, multi-country environment.

• Acted as technical point of contact for model validation, audit teams and business stakeholders.
• Mentored junior data scientists and reviewed modeling and production code.

COO Analytics   KYC   Kickstart AI

Data Scientist | International Talent Programme
Oct 2020 - Mar 2022 • 1 yrs 6 mos

Management traineeship across NLP, real-time analytics, and credit risk modeling.

• Built and productionized an NLP-based PII anonymization pipeline using Named Entity Recognition.
• Contributed to real-time prediction optimization experiments in a large-scale consumer app.
• Developed credit risk prediction models for direct business lending.
• Co-organized a 2-day internal NLP conference for ING data scientists.

ML Engineer

ML Engineer | Data Scientist
Ortec Finance
Sep 2019 - Aug 2020 • 1 yr
Amsterdam

Responsible for implementing various Natural Language Processing (NLP) microservices (APIs): curriculum-vacancy matching service, topic modeling, (legal) document understanding product, and conversational agents.

Data Science Intern
Lootjestrekken
Jun 2019 - Aug 2019 • 3 mos
Delft

Built a collaborative-filtering recommender system to personalize gift suggestions.

Education

University of Groningen
Groningen • 6 yrs

Computational Linguistics | Master
Sep 2019 - Aug 2020 • 1 yr

Focus: machine learning, NLP, computational semantics.

Communication and Information Science | Bachelor
Sep 2014 - Aug 2018 • 4 yrs

Certificates

Machine Learning Operations
Google Cloud
Feb 2023 • Mountain View

Production-Ready ML
GoDataDriven
Dec 2022 • Amsterdam

Influential Communication
Bureau Zuidema
Dec 2022 • Oosterbeek

Professional Scrum Master™
Scrum.org
Jun 2021 • Boston

Extracurricular

PyData Conference
NumFOCUS
Apr 2024 - Present • 2 yrs 1 mos
Amsterdam

Facilitating knowledge sharing within the local and international data science community.

Allow More | Kickstart AI challenge
Kickstart AI @ ING
Sep 2023 - Oct 2023 • 2 mos
Amsterdam

Kickstart AI challenge hosted @ ING: Allow More, a project to identify the underutilization of national household allowances.