

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!

Key strengths

Business-to-technical translation

Data-driven decision making

Data, AI and machine learning

Stakeholder alignment

Domain & Technology

Model monitoring and governance

Transaction Monitoring and AML/KYC

Python, Spark and cloud-native platforms

Interests

Interior design, writing and art

Languages

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

Personal resume

Nov. 4, 2026

Senior Data Scientist with 5+ years of experience and end-to-end ownership of production machine learning solutions in Transaction Monitoring. Experienced in supporting senior stakeholders, navigating complex stakeholder landscapes, and translating complex topics into clear decisions while driving technology initiatives from strategy to delivery.

Work experience

ING
Amsterdam • 6 yrs 2 mos

Data Scientist | Transaction Monitoring
Apr 2022 - Present • 4 yrs 8 mos

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

- Owned delivery and governance of production ML solutions in a regulated international environment.
- Supported senior stakeholders with data-driven decision making and technology initiatives.
- Aligned business, technology, risk, compliance and audit stakeholders across multiple functions.
- Coached and mentored data scientists.

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.

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

Service Design
Koos Service Design
Jan 2021 • Amsterdam

Extracurricular

PyData Conference
NumFOCUS
Apr 2024 - Present • 2 yrs 8 mos
Amsterdam

- Coordinate speakers, partners and volunteers to deliver community events for the local and international Data Science community.
- Facilitate knowledge exchange between industry practitioners, academics and technology professionals.

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.