



Louis de Bruijn

30-year old Python enthusiast

- Analytics Trainee, International Talent Programme 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!](#)

</> Skills

Python
 OOP
 Full-stack Web Development
 REST API
 DevOps

🔗 Technologies

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

Personal resume

Feb. 5, 2025

🏢 Work experience



ING
 Amsterdam · 4 yrs 5 mos

- Data Scientist | Transaction Monitoring**
 Apr 2022 - Present · 2 yrs 11 mos

 - Developed a monolith ML model to reduce false positives in second-line transaction monitoring of alerted transactions. Currently rolling out in multiple countries.
 - Redeveloped the ML model to detect potentially risky companies among third-party payment providers in corresponding banking (SWIFT and PSP transactions).

[COO Analytics](#) [KYC](#) [Kickstart AI](#)
- Data Scientist | International Talent Programme**
 Oct 2020 - Mar 2022 · 1 yrs 6 mos

1st rotation: Customer Dialogue Analytics

 - Developed and productionized Named Entity Recognition package for the anonymization of Personable Identifiable Information (PII)
 - Organized the NLP conference, a 2-day knowledge sharing for data scientists

2nd rotation: Advanced Real-Time Analytics

 - Experimentation to reduce the time to prediction for the "Look Ahead" in the ING app

3rd rotation: Risk & Pricing Advanced Analytics

 - Developing two credit risk prediction models in the direct business lending domain

[International Talent Programme](#)



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
 Lootjstrekken
 Jun 2019 - Aug 2019 · 3 mos
 Delft

Collaborative filtering recommender system to improve user gift recommendations. Successfully implemented a recommender system that displays personalised gift suggestions to Lootjstrekken' users.

🎓 Education



University of Groningen
 Groningen · 6 yrs

- Computational Linguistics | Master**
 Sep 2019 - Aug 2020 · 1 yr

Data Science, Machine Learning, Natural Language Processing, Computational Semantics.
- Computational Linguistics | Pre-master**
 Sep 2018 - Aug 2019 · 1 yr

Programming in Python, Database Design, Quantitative Text Analysis, Search Engines, Database driven - Webtechnology, Logic Programming.
- Communication and Information Science | Bachelor**
 Sep 2014 - Aug 2018 · 4 yrs

Text and Conversation Analysis, Usability, Multi modal and Digital Communication.

📜 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 · 11 mos
 Amsterdam



Allow More | Kickstart AI challenge
 Kickstart AI @ ING
 Sep 2023 - Oct 2023 · 2 mos
 Delft

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