






# Florian Wanders

Passionate About Machine Learning  
Even More Passionate About the Engineering Behind It

## social media

 florianwanders.github.io  
 in/florianwanders  
 @florianwanders  
 florianwanders  
 4798582/flo

## languages

English ★★★★★  
German ★★★★★  
Dutch ★★★★★☆

## programming

PySpark ★★★★★  
Python ★★★★★  
R ★★★★★  
SQL ★★★★★  
git ★★★★★☆  
Regex ★★★★★☆  
HTML ★★★★★☆  
CSS ★★★★★☆

## scheduling

Oozie ★★★★★

## dashboarding

Tableau ★★★★★  
Shiny ★★★★★  
Dash ★★★★★☆

## reporting

R Markdown and  
Jupyter Notebooks,  
both ★★★★★  
L<sup>A</sup>T<sub>E</sub>X ★★★★★

## design

GIMP ★★★★★  
Inkscape ★★★★★☆

## hobbies

contemporary ballet  
urban dance  
bikepacking  
running  
reading

## experience

### Since 2019 **Reporting Analyst**

Booking.com

Core driver behind the vision toward a scalable backend for global reporting on operational and commercial metrics.

- ▶ Refactored and automated key ETL pipelines in Python and PySpark.
- ▶ Implemented code review and unit testing to guarantee correct KPIs.
- ▶ Supported colleagues with 1on1 sessions, trainings, and workshops.

### **Engineering Side Project**

Booking.com

Delivered a dashboard that helps investigate potential partner fraud.

- ▶ Identified the needs, vision, and technology to host the dashboard in the wider ecosystem and lead the project from one MVP to the next.
- ▶ Outcomes: Python dashboard on Kubernetes that interfaces with MySQL databases, refreshes with near-life data, and is protected by authorization.

### 2018 - 2019 **NLP Side Project**

University of Helsinki, University of Amsterdam, University of Tilburg

Co-developed a website that helps researchers find questionnaires.

- ▶ Analytics: NLP-based recommender system, network modeling.
- ▶ Outcomes: Shiny app, Docker container, academic publication.

### 2015 - 2019 **PhD Candidate Behavioral Science**

University of Amsterdam

Designed and analyzed experiments for causal inference on the topic of social hierarchies. Taught bachelor- and master-level statistics courses.

- ▶ Analytics: General linear models, multilevel models, Bayesian statistics, numerical simulations, sequential analyses (preregistered).
- ▶ Outcomes: Academic publications and presentation of results on national and international conferences.
- ▶ Distinctions: Attended selective summer institutes in behavioral economics and computational social science. Prize for best data poster.

## education

### since 2015 **Data Science MOOCs**

Johns Hopkins University, Duke University, deeplearning.ai

Getting and Cleaning Data, Exploratory Data Analysis, Reproducible Research, Regression Models, Statistical Inference, Bayesian Statistics, Practical Machine Learning, Deep Learning, Web Design.

### 2010 - 2015 **Statistics Courses**

University of Amsterdam, University College Utrecht

Multivariate Analysis, Multilevel Modeling, Structural Equation Modeling, Network Analysis.

### 2013 - 2015 **M.Sc. (cum laude)**

University of Amsterdam

Research Master Psychological Methods & Statistics.

### 2010 - 2013 **B.Sc. (honors program, cum laude)**

University College Utrecht

Cognitive Neuroscience, Methods & Statistics.

## volunteering

### 2019 Journal club on **open & reproducible science**.

University of Amsterdam

### 2018 - 2019 Volunteer for **CorrelAidXnl** and **DataMission**.

CorrelAidXnl, DataMission

### 2016 - 2019 **PhD representative** for academic and social events.

University of Amsterdam