

# Maud Grol

## Data Scientist

- ✉ Berlin, Germany
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## About me

Data scientist with a research background in experimental psychology. Extensive experience working with real-world data, using statistics and machine learning to translate complex questions into meaningful insights and business value. Strengths in project and event planning, and communicating data-driven results. Enjoys working in mission-driven organisations.

## Skills

Python, R  
Pandas, Numpy, Scikit-learn,  
XGBoost, Tensorflow  
ggplot, Altair  
SQL  
Git, Docker, Serverless  
Streamlit  
AWS

## Personal Skills

Analytical mind  
Communication: verbal & written  
Detail-oriented  
Motivation to learn  
Project management

## Languages

Dutch

English

German

## 📁 Experience

- 2021-present **Blinkist** Data scientist Berlin (DE)
- Promoted from junior data scientist to data scientist after 6 months.
  - Developing and deploying recommender systems, building NLP and statistical models to deliver relevant content to customers.
  - Most used tools and languages: Python, SQL, Git/Github, Serverless, and AWS.
- 2021 **CorrelAid** Skilled volunteer Berlin (DE)
- Volunteer network that connects data scientists with non-profit organisations.
  - July-Nov: Data engineering project with One for the World. Improving data workflow and data model design in BigQuery. Tools and languages: SQL, BigQuery.
  - Feb-July: Machine learning project with Garage2020, an organization that innovates youth care. Built a proof-of-concept ML model to predict daily mood using phone usage data. Tools and languages: Python, Git/Github.
- 2020-2021 **Max Planck Institute for Human Development** Visiting researcher Berlin (DE)
- Leading a research project investigating the influence of anxiety on decision-making under risk, using computational models of decision-making. Tools and languages: R, Python.
- 2018-2021 **Ghent University** Postdoctoral Research Fellow Ghent (BE)
- Acquired and managed a 3-year research grant. Leading research projects on the relationship between mental health, cognition and decision-making. Using advanced statistical techniques (e.g. mixed effects models) to analyse behavioral and psychophysiological data. Tools and languages: R.
  - Member of departmental well-being committee. Using data to guide policy formulation to improve employees' well-being.
  - Teaching and supervision of Master thesis projects.
- 2014-2018 **University of Oxford** Postdoctoral research associate Oxford (UK)
- Visiting researcher from 2014-2015. Leading research projects and using advanced statistical techniques (e.g. growth curve modeling) to evaluate effectiveness of online interventions targeting anxiety and overeating.
  - Departmental early career researcher representative (2016-2018). Organizing career development seminars.
  - Supervision of Master and Clinical PhD students. Module leader and Demonstrator for Core Practicals (undergraduate course).
  - Presenting at scientific conferences and to non-technical audiences at the Curiosity Carnival as part of European Researchers' Night.
- 2010-2014 **Ghent University** PhD student Ghent (BE)
- Using experimental designs to investigate the relationship between stress resilience and cognitive functions.
  - Teaching, presenting at scientific conferences and to non-technical audiences at the Day of Science festival.
  - Organisation of international symposium (2014), bringing together experts in the field.

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## 🎓 Education

- 2010-2014 **PhD in Psychology** Ghent University (BE)  
*Thesis: The influence of positive memories on stress resilience: An experimental investigation of neurobiological and cognitive mechanisms*
- 2008-2010 **MSc (Research) in Clinical Psychology** Leiden University (NL)  
*Graduated cum laude*
- 2004-2008 **BSc in Psychology** Leiden University (NL)  
*Graduated cum laude*  
*Honors Bachelor thesis project (2006-2007)*  
*Honors Class in Psychology (2005-2006)*

## 📄 Certification

- 2021 **Data Science Retreat** Berlin (DE)  
Data science bootcamp, covering topics related to machine learning, deep learning, computer vision, natural language processing, model deployment, and data visualisation.  
Portfolio project combining digital signal processing with deep learning, to build an automated synthesizer programmer using the vst plugin DIVA.  
Tools and languages: Python (Tensorflow, Numpy), Git/Github.
- 2021 **Deep Learning Specialization** DeepLearning.AI
  1. Neural Networks and Deep Learning
  2. Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
  3. Structuring Machine Learning Projects
  4. Convolutional Neural Networks
  5. Sequence Models

[www.coursera.org/verify/specialization/58ZRAELFUP5J](http://www.coursera.org/verify/specialization/58ZRAELFUP5J)
- 2021 **Tensorflow Developer Professional Certificate** DeepLearning.AI  
[www.coursera.org/verify/professional-cert/L4T7JDS56MRP](http://www.coursera.org/verify/professional-cert/L4T7JDS56MRP)
- 2021 **Machine Learning** Coursera  
[www.coursera.org/verify/CC6HTZ68QGAT](http://www.coursera.org/verify/CC6HTZ68QGAT)
- 2020 **Scrum Fundamentals Certified** SCRUMstudy  
*Certification ID: 799232*
- 2020 **PRINCE2® Project Management** AXELOS Global Best Practice  
*Foundation Certification ID: GR656163844MG*