

# Hannes Rosenbusch, Ph.D.

## Data Scientist | Behavioral Scientist

“My work revolves around data collection, statistical analysis, ML, DevOps, and consulting.”

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### Experience

#### **Data Scientist @ Appinio (01.06.2021 – today)**

Development/deployment of analysis tools, dashboards, and statistical models

#### **Assistant Professor @ University of Amsterdam (15.05.2021 – today)**

Research, teaching, and administrative work in behavioral data science

#### **Selected projects**

- Publication of 12 peer-reviewed papers on research methods and behavioral science
- Social media content creation for a market research company (statistics education)
- Development of an ML/NLP web application for science publishers
- Development of data simulation software for video game designers
- Development of web apps for Bayesian MLM and conjoint experiments
- Consultation of a talent management company on fair and explainable AI
- Consultation of a large aircraft manufacturer regarding data on their expatriation practices
- Consultation of an FMCG company on their large consumer behavior datasets

#### **Teaching**

I teach courses on data science, AI, consultancy, and psychological science on the Bachelor and Master level. I gave various workshops for interested practitioners, and guest lectures on machine learning at Princeton University.

#### **Ph.D. project (+ highest distinction)**

Title: “Computational methods in the behavioral sciences” (Tilburg University)  
Abstract: We investigate how unstructured data, optimization algorithms, and machine learning techniques can be integrated into behavioral research. Further, we develop software and online tools for scientists and practitioners.

- Summer Institutes in Computational Social Science (2018) & Big Data (2017)
- M.Res. Behavioral and Social Sciences | GPA: 8.9 (0-10) | University of Groningen
- B.Sc. Business Psychology | GPA: 1.6 (6-1) | Leuphana University (+ University of Queensland)

#### **Day-to-day languages and tools:**

Bash, Git, Docker, R, Python, SQL, MongoDB, AWS, Azure, NetLogo, Qualtrics, Adobe CC, MTurk/Prolific, Webmorph, CI/CD tools, ticketing tools; Basics in: C, JavaScript, HTML, CSS

#### **Selected scholarships**

- Research Talent Grant (NWO, 2017)
- Excellent Student Grant (GUF, 2016)

#### **Other engagements:**

- Master thesis coordinator for Behavioral Data Science students
- Co-founder and editor of The Amnesty Post in Groningen (student magazine)

### Education

### Acknowledgments