

Wolfgang Spindeler, PhD

Experienced Data Scientist with a Focus on Experimentation and Product Analytics

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Professional Experience

eyeo (Germany, Remote)

eyeo's main products are the Adblock and Adblock Plus browser extensions used by over a hundred million users.

Senior Data Scientist

06/2025 - Present

- Driving revenue optimization by analyzing ad blocking and exposure algorithms through data analysis, A/B testing, and causal inference.
 - Partnering with product and engineering teams to design experiments, define success metrics, and establish best practices for data-driven decision-making.
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DeepL (Germany, Remote)

deepl.com is a freemium machine translation service with millions of daily users.

Staff Data Scientist - Experimentation

05/2023 - 05/2025

- Spearheaded the development of DeepL's in-house experimentation platform to analyze hundreds of concurrent A/B tests.
- Researched and implemented advanced statistical methodologies, including CUPED for variance reduction leading to 20% reduction in experiment runtime.

Data Science Lead - Data Analytics Platform

04/2021 - 04/2023

- Scaled the product data science and analytics team from 3 to 10 members, leading 5 Data Scientists across two teams.
- Provided strategic consulting to product and engineering teams on experimentation best practices.
- Built and maintained scalable data aggregation pipelines processing millions of daily user records.

Senior Data Scientist - Data Analytics Platform

10/2020 - 03/2021

- Designed and implemented robust data pipelines and statistical models for experimentation (Python, SQL).
 - Developed machine learning models for subscription and churn prediction to improve business performance.
 - Defined and operationalized critical business and product metrics for analytics and A/B testing.
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trivago (Düsseldorf, Germany)

trivago.com is a global hotel search platform. Roles focused on A/B testing, anomaly detection, metrics reporting, and data infrastructure.

Data Science Team Lead - Marketplace

02/2020 - 09/2020

- Managed a team of one data scientist and one data engineer, ensuring project delivery and mentoring team members.
- Developed time-series-based anomaly detection algorithms to identify production data anomalies and metric degradation.
- Led the development of automated cleaning and processing pipelines for external data sources.

Data Scientist - Marketplace

01/2017 - 01/2020

- Created a Bayesian statistics library in Python for A/B testing.
- Acted as the data expert for trivago's analytics tool for external customers, designing key reporting metrics.

Junior Data Analyst - Sales

08/2016 - 12/2016

- Automated reporting and data export processes using Hive and R Shiny.
 - Conducted in-depth analyses of customer behavior.
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Intense AG (Cologne, Germany)

Junior Technical Consultant

02/2016 - 07/2016

- Provided technical consulting and project management support for energy-focused clients.
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University of Münster, Institute of Mathematics (Münster, Germany)

Research Assistant / Postdoc

08/2010 - 06/2015

- Conducted advanced research in pure mathematics, focusing on differential geometry.
 - Taught undergraduate courses and supervised theses.
 - Presented findings at international mathematical conferences and workshops.
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Key Skills

- **Experimentation & A/B Testing** – Statistical modeling, A/B test design and analysis, experimentation platforms, causal inference
 - **Data Analysis & Engineering** – Python, SQL, large-scale data aggregation and ETL pipelines, exploratory data analysis, metric design
 - **Machine Learning** – Classical ML methods (regression, tree-based), basic knowledge of neural networks and deep learning
 - **Leadership & Communication** – Team leadership, mentoring, cross-functional collaboration, stakeholder communication
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Education

PhD in Mathematics

07/2014 - University of Münster

- **Research focused on Differential Geometry.**
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Languages

- German (native speaker)
 - English (fluent)
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Hobbies

- Chess, bouldering
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