



## Philipp Kleer

Data Scientist / Researcher

## Contact

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## Skills

**R** 8 years  
 Data analysis, visualization, teaching

**Quarto/md** 5 years  
 Dashboards, Slides, Reports

**LaTeX / Typst** 5 years  
 Reports, Articles

**SQL** 3 years  
 Data queries, reports

**Python** 2 years  
 Data analysis, visualization

**Git** 5 years  
 Project management, teaching

## Tools

► Positron, VS Code  
 ► RStudio  
 ► Github/Gitlab  
 ► Office  
 ► SAP

## Languages

**English** fluent

**Portuguese** advanced

**German** native

## Summary

🎓 social scientist with Ph.D. | specialized in **quantitative data analysis** 📈 | expertise in **project applications, management & evaluation** 📊, research, and teaching 🎓 | proven **interpersonal and intercultural skills** 🌍 | **teamwork skills** 👥 | Permanent Residency in Brazil & Germany 🏠 |

## Experience

### Data Scientist (Training)

10/2024-12/2024

DataScientest

- Machine Learning,
- Big Data/Database (PySpark)
- Deep Learning
- Complex systems & AI
- NumPy, Pandas, Scikit-Learn, Matplotlib, Seaborn, Bokeh

### Postdoctoral fellow

02/2023-09/2024

G-EPIC: Gender empowerment through politics in classrooms (EU Horizon), Justus-Liebig-University Giessen (Germany)

- strategic planning & execution of complex statistical analyses
- creation of comprehensive reports & academic publications (8)
- planning & implementation of project strategies
- driving effective collaboration & communication within a global team
- responsible management of the project budget
- research stay at Universidad Carlos III de Madrid to strengthen international academic partnerships

### Visiting researcher

10/2023-03/2024

Programa de Pós-Graduação em Sociologia, Universidade Federal de Pernambuco

- research collaboration with Gustavo Gomes Costa Santos
- further language training on Brazilian portuguese

### Project Reviewer

2023, 2024

EU CERV program & Foundation Innovation in Higher Education

- evaluation and assessment of third-party funded projects
- comprehensive evaluation reports for large-scale projects (up to 3 Mio. Euro)

### Project assistant

05/2019-05/2022

Method days & method consulting at the faculty 03, Justus-Liebig-University Giessen

- strategic planning & effective project management
- motivating & professional supervision of student assistants (3)
- successful execution of the event week (8 workshops per year)
- precise financial controlling
- proactive & successful recruitment of highly qualified external lecturers

### Doctoral fellow

10/2015-09/2022

Chair of research methods in Political Science, Justus-Liebig-University Giessen

- planning, managing, & conducting own doctoral research & other quantitative data analyses
- publishing academic papers/reports (6) & conference contributions (9)
- supervising student assistants (6)
- successful application for project funding (3 teaching projects)
- teaching undergraduate courses in research methods (17 courses), 1:1 mentor-

## Higher education

**Dr. rer. soc.** (Social Sciences)  
Justus-Liebig-University  
Giessen  
2022

**M.A.** (Political Science)  
University of Vienna  
2014

**B.Sc.** (Social Sciences)  
University of Cologne  
2011

ship to 11 students during their theses & creation of comprehensive web-based-trainings (3)

- participating in academic administration (holding 5 committee positions)

## Additional training

### Methods

Summer & winter schools

Machine learning with R, Comparative social research with multi-group SEM, Structural equation modelling, Quantitative text analysis, Bayesian modelling in the Social Sciences, Applied multilevel regression modelling

### Didactics

In-house workshops

Intercultural communication, Conflict competence I + II, Certificate of competence in higher education

### Project management & administration

In-house workshops

Multi-project-management, Understanding project evaluations, SAP

## Project experience

Throughout my career, I have developed strong skills in **data analysis**, **project coordination**, and **strategic planning**. In various projects, I have demonstrated the ability to **manage complex datasets**, **design data-driven solutions**, and **oversee long-term initiatives**. My experience has honed my ability to **synthesize large volumes of information**, **draw actionable insights**, and ensure the **accuracy and integrity of data** for future use.

I am also proficient in **managing budgets and resources efficiently** while fostering clear, **effective communication** within teams to achieve project goals. As a project leader, I have guided and mentored team members, enhancing collaboration and ensuring that everyone performs at their best, even in high-pressure environments.

**Below you find links to some projects:**

Typst template modern academic CV ([Link](#)), Voting Behavior of LGBTQ\* (research project, [Link](#)), Fundamental conditions of democracy: Inequality as disturbing factor of democratic consolidation (PhD project, [Link](#)), Children in a German state parliament: Lasting learning experiences of primary schoolchildren (research project, [Link](#)), How to prepare teachers to teach civic education? (research project, [Link](#)), Statistics+: Getting started with R made easy (teaching, [Link](#)), Statistics for Social Sciences (teaching, [Link](#)), Data manipulation & visualization with tidyverse (teaching, [Link](#))