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** 👥 |

Work experience

Data Scientist (Training)   `10/2024-12/2024`

DataScientest

- Machine Learning,
- Big Data/Database (PySpark)
- Deep Learning
- Complex systems & AI
- NumPy, Pandas, 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 mentorship to 11 students during their theses & creation of comprehensive web-based-

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

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*)