



Radek Kříček, PhD

Data Analyst

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Berlin, Germany

TECH STACK

SQL · Python · R

Tableau · Power BI · Grafana · Git ·

DBEaver · Google Cloud Console ·

VS Code · RStudio · Jupyter Notebook ·

MS Excel · Google Sheets

Pandas · NumPy · SciPy · Scikit-learn ·

SQLAlchemy · Plotly

TRAINING / COURSES

Data Analytics Course

Praha Coding School (SQL, Python, Tableau, Grafana)

Google Data Analytics Professional Certificate

Google, Coursera (SQL, R, Tableau, Spreadsheets)

LANGUAGES

Czech (Slovak) Native

English C2 level

German B2 level

Spanish Beginner

HOBBIES

Astronomy, science outreach

Watching the sky and sharing the wonder (supported Czech Astronomy Olympiad and more)

Volunteering in environmentalism and human rights

Field monitoring of wolves, member of the council of Friends of the Earth CZ; gay marriage

SUMMARY

Enthusiastic data analyst with PhD in Didactics of Physics. Strong foundations in statistics, effective communication and project management. Proficient in SQL, Python and Tableau for data management, cleansing, wrangling, analyses and visualizations.

I am passionate about translating data into actionable insights with meaningful impact and communicating complex topics to diverse audiences. I see data analytics as a way to change the world for better, using fact-based decisions, and to grow professionally.

EXPERIENCE

Bootcamp in Data Analytics

06/2023 - 08/2023

Spiced Academy, Berlin, DE

Berlin, Germany

- 9 projects during intense in-person full-time coding training in Data Analytics.
- Best projects displayed in the portfolio (link in the header).
- Final project on climate data: Python libraries, data visualization, statistical analysis, hypothesis testing, clustering, time series, GitHub version control.
- SQLAlchemy project: database clients, data structures, interactive visualizations.
- Business Intelligence projects: KPIs, competitor analysis, recommendations for stakeholders.

Manager of Data Collection

10/2018 - 05/2023

Friends of the Earth CZ

Olomouc, Czechia

- Managed field data collection.
- Performed data quality assurance (controlled over 600 observations).
- Visualized monitoring results for stakeholders and public in more than 60 presentations.
- Supported data-driven decision making in landscape connectivity as a project manager, responsible for project activities worth €200,000 and leading a team of 5-10 co-workers (international project with over 30 organizations from 7 European countries).

Science Communicator

09/2018 - 08/2021

Czech Academy of Sciences

Prague, Czechia

- Reached out to thousands of citizens representing the public, students and teachers, awakening interest in scientific results.
- Organized over 30 outreach events.
- Created press releases, articles and social media content.

Teacher of Mathematics and Physics

08/2015 - 06/2018

Johannes Kepler Grammar School

Prague, Czechia

- Gave 900 lessons of math and physics at a prestigious grammar school, engaging pupils by innovative methods and original content.

EDUCATION

PhD: Didactics of Physics

2014 - 2019

Charles University, Prague, Czechia

- Analyzed qualitative and quantitative data from hundreds of respondents (questionnaires, interviews, case studies, A/B testing, k-means and more).
- Gained expertise in mathematics, statistics and effective communication.