

Sophie Strauß

Data analyst and psychologist (PhD) with a passion for extracting the essence in complexity, detecting patterns, and condensing information. Skilled in data analytics & visualization with **Excel, SQL, Python, Tableau, and R**. Helped projects, businesses, and organizations scale their operations by transforming data into statistical insights, on-point reports, and (spatial) plots. Advanced analytics with data from diverse business, research, and NGO backgrounds.

Key Skills

- Data analytics with Python,
- SQL, Excel, R
- Visualizing in Tableau, Python
- Empirical research methods
- Data ethics
- Building a narrative
- Communicating results
- Detail- and solution-orientation
- Profound background in psychology & psychotherapy

Education

CERTIFICATE IN DATA ANALYTICS

- CareerFoundry | 06/2023 – 11/23
 - Exceeded in intensive project-based online training to prepare, analyze, and visualize datasets

MEDICAL LICENSE AS A PSYCHOLOGICAL PSYCHOTHERAPIST

- Institut für Verhaltenstherapie (IVT) | 05/21 – Present
 - Specializing in systemic therapy

DR. PHIL. PSYCHOLOGY

- University of Potsdam | 12/2018 – 02/2023
 - Finalized a cumulative thesis based on 4 peer-reviewed research papers with the predicate *summa cum laude*

B.SC. & M.SC. PSYCHOLOGY

- Humboldt Universität zu Berlin | 10/12 – 09/15 & 10/15 – 09/18
 - Completed the quantitative research project: *“Alcohol Addiction Disorder: Partnership as Resource or Stressor?”*

Recent Projects

- *IOM Missing Migrants dataset*: Derived insights about the disappearing on migration routes using Python/Jupyter and Tableau
 - Implemented Machine Learning algorithms and forecasting analysis
- *Instacart*: Informed an e-commerce marketing strategy via analyzing buying behavior by region, demography, and preferences using Python/Jupyter
 - Joined 5 datasets for profound analysis of customer trends
<https://github.com/SoStrauss>
- *Doctoral Thesis*: Successfully contributed to the state of research on the personality trait *justice sensitivity* in middle childhood
 - Exceeded in latent pre-registered analyses of large-scale datasets via SPSS, Mplus, and R
<https://doi.org/10.25932/publishup-59194>

Experience

PSYCHOLOGIST, SYSTEMIC THERAPIST IN TRAINING

- Martin Gropius Krankenhaus | Eberswalde | 06/22– 05/2023
 - Supported > 150 patients' recovery during drug detoxification via individual & group therapy sessions with evidence-based treatment modalities
 - Collaborated with interdisciplinary teams to develop comprehensive treatment plans and monitor clients' progress
- Werner Forßmann Klinikum | Eberswalde | 09/21– 01/2022
 - Conducted one-to-one psychological counseling for patients with psychosomatic health issues via interventions from systemic therapy

RESEARCH ASSOCIATE

- Psychologische Hochschule Berlin | 09/18– 10/2021
 - Contributed to realizing the research project *“Justice sensitivity in childhood and adolescence: Developmental conditions and impact as a risk and protective factor”* (DFG-funded)
 - Organized data collection of >1.400 students, prepared and analyzed datasets
 - Communicated results in 4 international peer-reviewed journals as a leading author and at 6 international conferences
 - Educated students by creating a co-constructivist learning environment

Volunteering

- 2021 – Present: Supporting a human rights activist family from Afghanistan in migrating to Germany
- 2020 – 2022: Supported data management for the NGO *Wir packen's an e.V.* supporting refugees at the EU's external borders

Selected Publications

- Strauß, S., & Bondü, R. (2023). Fair sharing is just caring: Links between justice sensitivity and distributive behavior in middle childhood. *Journal of Experimental Child Psychology*, 226, 105561. doi:10.1016/j.jecp.2022.105561
- Strauß, S., & Bondü, R. (2022). Links between justice sensitivity and moral reasoning, moral emotions, and moral identity in middle childhood. *Child Development*, 93(2), 372387. doi:10.1111/cdev.13684
- Strauß, S., Bondü, R., & Roth, F. (2021). Justice sensitivity in middle childhood: Measurement and location in the temperamental and social skills space. *Journal of Personality Assessment*, 103(4), 476– 488. doi:10.1080/00223891.2020. 1753754