Berlin, open to work remote   +4915224088045   sophie.straussq@gmail.com   sostrauss.github.io   linkedin.com/in/sophiestrauß

Dr. Sophie Strauß

Data Analyst & Psychologist

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

KEY SKILLS

- Exploratory, applied, and advanced data analytics
- Python, SQL, Excel
- Visualizing in Tableau, Python
- Hypothesis testing
- Data ethics
- Building a narrative
- Communicating results
- Detail- and solution-orientation

EDUCATION

CERTIFICATE IN DATA ANALYTICS
CareerFoundry | 07/2023 – 11/23

Exceeded in intensive project-based online training to prepare and analyze datasets, create vivid dashboards, manipulate data/databases with SQL, code un/supervised machine learning algorithms for applied and advanced analytics, and communicate results.

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

Executed the quantitative research project: *"Alcohol Addiction Disorder: Partnership as Resource or Stressor?"*

LANGUAGE SKILLS

English – Fluent
German – Native

RECENT PROJECTS

- **IOM MISSING MIGRANTS DATASET:** Derived insights about the disappearing on migration routes in 13493 incidents using Python/Jupyter Notebook and Tableau
  - Implemented machine learning algorithms and a forecasting analysis

- **INSTACART:** Informed an e-commerce marketing strategy via analyzing buying behavior by region, demography, and preferences using Python/Jupyter Notebook
  - Joined 5 datasets for profound analysis of customer profiles and trends
    https://github.com/SoStrauss

- **DOCTORAL THESIS:** Successfully contributed to the state of research on the personality trait justice sensitivity with 4 peer-reviewed research papers
  - Demonstrated expertise in performing latent pre-registered regression analyses (structural equation modeling) on large-scale datasets, utilizing statistical software such as 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: Assisting a family of human rights activists from Afghanistan to immigrate to Germany
- 2020 – 2022: Data management support for the NGO *Wir packen's an e.V.,* which supports 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