





 Berlin, Germany
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 LinkedIn 
 GitHub 

PROGRAMMING LANGUAGES

- Python
- R
- SQL


SKILLS

- Numpy/Pandas/SciPy
- Matplotlib/Seaborn/Plotly
- Pytorch/TensorFlow/Keras
- Scikit-Learn/ XGBoost
- LlamaIndex
- Transformers (Hugging Face)
- Git/GitHub

STATISTICS

- Exploratory Data Analysis
- Data Visualization
- Regression/Classification
- Decision Trees
- Supervised & Unsupervised Learning
- Hyperparameters Tuning
- Bayesian Statistic/Hypothesis Testing
- Embeddings/Vector Databases

EDUCATION

Data Science Retreat 
Berlin (Germany)
06/2023 - 09/2023

Ph.D. Cognitive Sciences
University of Trento (Italy)
11/2008 - 10/2011

M.sc Cognitive Science
University of Trento (Italy)
10/2005 - 09/2008

B.sc Philosophy
University of Genova (Italy)
09/2000 - 10/2005

LANGUAGES

Italian: native speaker
English: proficient
German: basic knowledge

Daniele Didino, PhD

Data Scientist | Data Analyst

PROFILE

I am a Data Scientist, holding a Ph.D. in Cognitive Sciences. Proficient in **Python**, **R**, and **SQL**, with 10+ years of experience in **data analysis** and **machine learning**. I bring a profound understanding of the latest machine learning algorithms, coupled with a deep motivation to apply cutting-edge technologies in real-world scenarios. I enjoy dealing with complex problems and finding solutions. I have significant experience in designing and leading research projects from beginning to completion.

EXPERIENCE

D-AI-logue — Data Scientist & Co-Founder

December 2023 - Present | Berlin, Germany; Tbilisi, Georgia

Contributed to the development of an app designed to enhance communication within couples by leveraging Large Language Models (LLMs).

- Engineered a framework for an LLM-powered application, implementing API client requests to analyze and process user text for identifying dysfunctional communication patterns.
- Developed algorithms for the evaluation and transformation of dysfunctional communication into functional dialogue, enhancing interpersonal communication effectiveness.
- Addressed the challenge of refining generated language to mirror everyday communication, ensuring outputs were natural and less artificial.

Humboldt-Universität zu Berlin — Research Group Leader

June 2016 - May 2023 | Berlin, Germany

I led the development and implementation of research projects in mathematical cognition, securing DFG grants worth over €550,000.

- Managed project timelines and budgets, ensuring alignment with objectives.
- Performed in-depth data analysis and developed statistical models, tackling complex datasets across a range of research projects.
- Developed and presented compelling data visualizations and reports, effectively communicating complex information accessible to technical and non-technical audiences.

Tomsk Polytechnic University — Postdoctoral Researcher

October 2014 - April 2016 | Tomsk, Russia

I worked on joint projects between the University of Trento (Italy) and the Tomsk Polytechnic University (Russia).

- Worked in a cross-functional and multicultural team, bridging the gap between economists, computer scientists, and web designers.
- Designed and evaluated web-based tools for older adults, including a tablet-based virtual gym application.
- Managed project design and implementation, ensuring that all deadlines and requirements were consistently met.

Burapha University — Postdoctoral Researcher

September 2012 - February 2014 | Saen Suk, Chonburi, Thailand

- Instructed university-level courses on data analysis, focusing on data handling and inferential statistics (hypothesis testing).
- Mentored several Ph.D. students in their research projects, guiding them in advanced data analysis techniques.