

 Berlin, Germany  
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 LinkedIn 

 GitHub 

 Website 

## PROGRAMMING LANGUAGES

- Python
- SQL
- R

## SKILLS

- Data Exploration
- Data Visualization
- Data Pipelines
- Feature Engineering
- Machine Learning
- Regression / Classification
- Gradient boosting
- Clustering
- Deep Learning
- NLP / Large Language Models
- Model Validation
- Statistical Analysis
- Hypothesis Testing

## SOFTWARE / LIBRARIES

- Numpy / Pandas / SciPy
- Scikit-Learn / XGBoost
- Matplotlib / Seaborn / Plotly
- TensorFlow / Pytorch / Keras
- Streamlit / Gradio
- Hugging Face (Transformers)
- Git / Docker
- FastAPI / Weights & Biases

## EDUCATION

2023 - **Data Science Retreat**   
Berlin (Germany)

2011 - **Ph.D. Psychology**  
University of Trento (Italy)

2008 - **M.sc Cognitive Science**  
University of Trento (Italy)

2005 - **B.sc Philosophy**  
University of Genova (Italy)

## LANGUAGES

Italian: native speaker  
English: proficient  
German: intermediate

# Daniele Didino, PhD

## Data Scientist

Highly skilled Data Scientist with **10+ years of experience** in **data analysis**, **machine learning**, and **research projects**. Expert in **Python**, **SQL**, and **R**, with a profound understanding of modern machine learning algorithms. Passionate about applying cutting-edge technologies in real-world scenarios. Skilled in solving complex problems and leading projects from conception to completion. Extensive experience working in **cross-functional**, **multinational teams** and executing data-driven projects.

## EXPERIENCE

### Data Scientist & Co-Founder

2023 - Present

#### Dailogy

Berlin, Germany; Tbilisi, Georgia

- Designed and implemented solutions and minimum viable products (MVPs) in collaboration with stakeholders, ensuring alignment with technical requirements and business goals
- Evaluated open-source language models to enhance project autonomy and reduce dependency on third-party software
- Led diverse technical projects, focusing on data quality and adherence to business requirements
- Developed AI tools to transform dysfunctional communication into constructive dialogue, leveraging natural language processing (NLP) techniques
- Translated complex technical concepts into actionable insights for investors and funding organizations, securing critical funding and fostering strategic partnerships

### Research Group Leader

2016 - 2023

#### Humboldt-Universität zu Berlin

Berlin, Germany

- Led high-impact projects by efficiently managing resources and securing over €550,000 in funding, demonstrating strategic planning and execution skills
- Designed and implemented data pipelines for pre-processing and analysis, ensuring data accuracy and reliability
- Developed and evaluated statistical models to analyze both structured and unstructured data
- Created reports and presentations to communicate complex insights to both technical and non-technical stakeholders, driving informed decision-making.
- Mentored junior researchers in advanced data analysis techniques, fostering talent development and promoting best practices in data science

### Senior Researcher

2014 - 2016

#### Tomsk Polytechnic University

Tomsk, Russia

- Managed a cross-functional, multicultural team of economists, computer scientists, web designers, and engineers, cultivating collaboration and achieving project milestones
- Collaborated with stakeholders to understand their challenges and translate needs into actionable data-driven projects with measurable outcomes
- Coordinated international projects to enhance mental health among older adults, including the development of a tablet-based virtual gym application to mitigate age-related decline
- Established rigorous processes for data collection, cleaning, and analysis, ensuring the success of key project outcomes

## PROJECTS

**Dailogy App**  - A System for Detecting and Improving Dysfunctional Language.

**Agentur für Arbeit Chatbot**  - Chat with the PDF documents from the Agentur für Arbeit.