

Daniel Müller-Komorowska

Data Scientist

EXPERIENCE

Scientist

University of Bonn 2016-2021

- Time-series data analysis using Python with NumPy, SciPy, Pandas, Matplotlib and Seaborn.
- Dimensionality reduction and clustering on single cell sequencing data using Python with scikit-learn and R.
- Simulation of spiking neuronal networks with Python.

TRANSFERABLE SKILLS

Data Visualization & Technical Writing

Contributed analysis and writing to [three computational neuroscience publications](#).

Science Literacy

Designed and performed laboratory experiments.

Teaching

Taught at [Neuromatch Academy Summer School](#).

Presentation

Presented at scientific conferences and seminars.

Communication

Blogging about programming and scientific outreach.

Mentoring

Supervised three master students.

EDUCATION

PhD in Neuroscience

University of Bonn 2016-2021

MSc in Neuroscience

University of Bonn 2013-2016

BSc in Psychology

University of Cologne 2010-2013

PERSONAL INFO

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Website

danielmuellerkomorowska.com

Github

<https://github.com/danielmk>

TECHNICAL SKILLS

Programming

- Python
- R
- MATLAB
- SQL
- Julia

Methods

- Machine Learning
- Statistics
- Data Visualization
- Dimensionality Reduction
- Regression
- Neural Networks