



Phillip B. Mogensen

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Key competencies

- Experienced data scientist.
- Skilled at explaining complex results to stakeholders.
- Strong theoretical background.
- Efficient R/Python/C++ programmer.

Programming skills

Expert R, SQL (Redshift/Server),

Python, git.

Experienced Shiny, Streamlit, SAS.

Familiar with C++, PowerShell, VBA.

Other IT skills

Azure DevOps, AWS, Linux (Fedora/Ubuntu), SLURM, Splunk, LaTeX, Computerome, MLflow.

Education

2022 PhD in Mathematical Statistics

University of Copenhagen

2019 MSc, Mathematics-economics

University of Copenhagen

2017 BSc, Mathematics-economics

University of Copenhagen

Professional profile

I am an efficient, versatile and driven data scientist with a passion for applying causal discovery methods to drive research. I am a self-starter and I have independently driven deliveries for large corporations on tight deadlines. I have experience with big data, multiomics and high performance computing. I have collaborated with people from a wide range of fields and I pride myself on my ability to make complex topics understandable to the layman.

Work experience

2023 – Senior data scientist – GLX Analytix

- Led a small data team, overseeing all day-to-day operations.
- Built an end-to-end MLOps pipeline using Python, MLflow and Git LFS.
- Significantly reduced labor time of an in-house assay by building a semi-automatic dot blot image analysis tool using Python and OpenCV.
- Implemented and oversaw company-wide project portfolio management using Monday.

2022 – 2023 Data scientist – Arbejdsmarkedets Tillægspension

- Developed and maintained machine learning models for detecting fraud with public welfare spending.
- Optimized existing batch jobs to reduce the computation time by around 30%.

2019 – 2022 PhD fellow – University of Copenhagen

- Researched novel causal discovery methods and multiple testing procedures, with a focus on scalability for use in multiomics research.
- Taught courses in computational statistics and applied statistics.

2019 – 2022 Owner – JP Statistics ApS

- Developed ML models for Eis Danmark A/S to optimize sales leads.
- Worked as an external consultant to the Market Access dept. at Novo Nordisk A/S for two years.

2019 Research assistant – University of Copenhagen

- Researched constraint-based causal discovery methods.

2017 – 2019 Student assistant in biostatistics – Novo Nordisk

- Analyzed data from RCTs and supporting work.

2017 – 2018 Student assistant in statistics – Rigshospitalet

- Worked as a statistician on the research project FC Prostata.

2015 – 2019 Teaching assistant – University of Copenhagen

- TA in various statistics and mathematics courses, ranging from introductory statistics targeting non-mathematicians to MSc courses in theoretical statistics and math.