BJARKE HAUTOP KRISTENSEN

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SUMMARY

24 year old passionate graduate student in statistics with a strong background in mathematics. Experienced instructor and adept at data analysis with programming skills.

EDUCATION

Master in Statistics (expected)   *2023-2025*
Aarhus University

Bachelor in Mathematics   *2020-2023*
Aarhus University

WORK EXPERIENCE

Mentor, MentorDanmark   *2023-*

- Teaching math for high school students.

Teaching Assistant, Aarhus University   *2022-2023*

- Introductory statistics and data analysis with R (Spring 22 and Spring 23).
- Introductory statistics and data analysis with MATLAB (Fall 22).

PROJECTS: View all my projects here

Bachelor thesis: Asymptotic Normality for Tessellation-based Betti Numbers   *2023*

- Formulated and proved two central limit theorems for persistent Betti numbers.
- Simulated data, formulated and tested relevant hypotheses.

Case study on Cox model   *2024*

- Developed a Cox model and presented the results using a hazard ratio plots and a nomogram.
- Calibrated the model for prediction

ACTIVITIES

Chairman and Vice chairman, Kalkulerbar   *2021-2023*

- Responsible for the overall operation of the Friday bar.
- Handled the administrative side of running a Friday bar.
- More than doubled the annual turnover during my time as Chairman.

Tutor, Aarhus University   *2021-2023*

- Guided new students through their transition to university.
- Organized social activities to strengthen social cohesion.

SKILLS

Programming Languages

- Java, Matlab, Python, R, SAS, SQL.