

ALEXANDER CAPPELEN

Sociology | Social Data Science | cand.scient.soc

EXPERIENCE

Teaching Assistant

Department of Social Data Science, University of Copenhagen

📅 January 2023 – December 2023 📍 Copenhagen

- Teaching methods of social data science, digital methods, and providing guidance in student projects
- Teaching machine learning, network analysis, and causal inference, including application with Python

Student Assistant

Department of Sociology, University of Copenhagen

📅 April 2022 – September 2022 📍 Copenhagen

- Contributed in developing survey and gathering contact information for survey participants
- Collected data on book loans from public libraries in Denmark through an API using Python

Student Assistant

Department of Economics, Copenhagen Business School

📅 November 2020 – October 2021

- Reviewing data and code for errors
- Aiding in literature review for researchers

RELEVANT COURSES

Thesis: Parlarchy in the UK

Department of Sociology

📅 Fall 2023

- GIS, mapping data, and spatial panel regression
- Analysis of behavioral data from social media
- Conceptualising far right social movements on alternative social media

S&DS 565: Introductory Machine Learning

Department of Statistics and Data Science, Yale University

📅 Fall 2022

- Supervised learning, unsupervised learning, linear regression, classification, stochastic gradient descent, cross validation, tree-based methods, topic models, language models, word embeddings, Bayesian inference, neural networks
- `pandas`, `numpy`, `matplotlib`, `tensorflow`, `scikit-learn`, `seaborn`, Jupyter Notebook

S&DS: Data Science for Political Campaigns

Department of Statistics and Data Science, Yale University

📅 Fall 2022

CONTACT

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🔗 [alexpcapp](#)

🎂 24.11.1995

IT

R
Python
LaTeX
STATA
HTML & CSS
SQL



LANGUAGES

Danish
English



EDUCATION

M.Sc. in Sociology

University of Copenhagen

📅 Sept 2021 – January 2024

Exchange student

Yale University

📅 Sept 2022 – December 2022

B.Sc. in Sociology

University of Copenhagen

📅 Sept 2018 – June 2021

B.Sc. in Technoanthropology (not finished)

University of Aalborg

📅 Sept 2017 – June 2018 (dropped out)