Tereza Blažková

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Education

University of Copenhagen

PhD in Social Data Science   *2024-present*

- Supervised by Andreas Bjerre-Nielsen (University of Copenhagen) and René Kizilcec (Cornell University)
- **Research focus:** Predictive analytics in education, algorithmic fairness and integrating mixed methods with algorithm audit for developing a participatory algorithm design

University of Copenhagen

MSc in Social Data Science   *2021-2024*

- **Thesis:** Using Machine Learning to Predict University Dropout: A Study on Accuracy and Fairness, **Grade: 12/12**
- **Leadership and Community building:** Representative in Study Board for MSc in Social Data Science
  Co-founding member of the Social Data Science Student Subject Council

Charles University

Ba in Sociology with Economics   *2018-2021*

- Graduated with honours
- Awarded with the **Scholarship for excellent academic results**

Research Experience

Statistics Denmark

Guest Researcher   *2023-present*

University of Cornell

Visiting PhD Student   *January 2025*

University of Seville

Secondee under EU NeEDS (Network of European Data Scientists)   *June 2024*

Copenhagen Business School, Sustainability Centre

Research Assistant   *2022-2024*

University of Copenhagen, Center for Social Data Science

Research Assistant   *2023-2024*

Publications and Invited talks

PUBLICATIONS

Fairness Over Time: A Nationwide Study of Evolving Bias in Dropout Prediction
  Tereza Blazkova, René F. Kizilcec, Magnus Lindgaard Nielsen, David Dreyer Lassen, Andreas Bjerre-Nielsen
  Proceedings of the Twelfth Annual ACM Conference on Learning at Scale, 2025, New York, NY, USA

Sentiments and sustainability: stakeholder perceptions of sustainable fashion on social media
  Tereza Blazkova, Esben Rahbek Gjerdrum Pedersen, Kirsti Reitan Reitan Andersen
  Journal of Fashion Marketing and Management: An International Journal (2025). Emerald Publishing Limited, 2025

Greenwashing debates on Twitter: Stakeholders and critical topics
  Tereza Blazkova, Esben Rahbek Gjerdrum Pedersen, Kirsti Reitan Andersen, Francesco Rosati
  Journal of Cleaner Production (Oct. 2023) p. 139260. 2023

INVITED TALKS

CBS Sustainability Centre Seminar: Corporate Sustainability between Aspirational Talk and Greenwashing
  2023, Copenhagen Business School, https://tinyurl.com/seminarcbs

Predicting University Dropout: A Study on Accuracy and Fairness
  June 11, 2024, European Centre for Algorithmic Transparency, Sevilla, Spain

Teaching

Lecturer

University of Copenhagen, Center for Social Data Science   *February 2025*

- Guest Lecturer in Data Governance course on the topic: "Predictive Analytics and Its Ethical and Political Implications"

Teaching Assistant in Digital Methods course

University of Copenhagen, Center for Social Data Science   *April 2025 - May 2025*

- Led weekly exercise classes in a graduate course, which focused on digital mixed methods

Teaching Assistant in Data Governance course

University of Copenhagen, Center for Social Data Science   *January 2023 - March 2023*

- Led weekly exercise classes in a graduate course, which focused on research in legal, political, and ethical aspects of data governance
- Guided 16 students in their projects, moderated discussions and delivered feedback

Skills

Programming	Python (Pandas, NumPy, Seaborn, Matplotlib, Sklearn, PyTorch, TensorFlow, NLTK, spaCy, AIF360 etc.), R (ggplot2, Tidyverse), SPSS
Other Hard Skills	Agent Based Modelling, Network analysis, Natural Language Processing, Machine Learning, LaTeX
Soft Skills	Communication, Responsibility, Strong team spirit, Problem-solving, Critical thinking, Independency

Interests

Academic interest	Algorithmic decision-making, Algorithmic Fairness, AI Governance, Education Data Science, Responsible AI, Predictive Analytics, Social inequalities, Social media analysis, Sustainability
Other interest	Cycling, bouldering, hiking

Languages

Czech	Native
English	C1/C2 - Professional proficiency
Danish	B1 - Intermediate proficiency
German	A2/B1 - Basic to Intermediate proficiency
Slovak	Listening and reading proficiency