

# Tereza Blažková

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## Education

### University of Copenhagen

PhD in Social Data Science

2024-present

- **Research focus:** Predictive analytics in education, algorithmic fairness and integrating mixed methods with algorithm audit for developing a participatory algorithm design
- Under supervision by Andreas Bjerre-Nielsen

### 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

Secundee 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

### UPCOMING 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

### PUBLICATIONS

Fairness Over Time: A Nationwide Study of Evolving Bias in Dropout Prediction

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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

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## 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

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## Programming

Python (Pandas, NumPy, Seaborn, Matplotlib, Sklearn, PyTorch, TensorFlow, NLTK, spaCy, AIF360 etc.), R (ggplot2, Tidyverse), SPSS

## Other Hard Skills

Twitter API, Network analysis, Natural Language Processing, Machine Learning, 𐀀𐀀𐀀, Microsoft Office

## Soft Skills

Communication, Responsibility, Strong team spirit, Problem-solving, Critical thinking, Independency

# Interests

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## 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

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## Czech

Native

## English

C1/C2 - Professional proficiency

## Danish

B1 - Intermediate proficiency

## German

A2/B1 - Basic to Intermediate proficiency

## Slovak

Listening and reading proficiency