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

Charles University

Ba in Sociology with Economics   *2018-2021*
- Graduated with honours, awarded with the Scholarship for excellent academic results

Experience

Guest Researcher

A guest researcher at **Statistics Denmark**   *2023-present*

A visiting scholar at the **University of Seville** as part of EU NeEDS (Network of European Data Scientists)   *June 2024*

Research Assistant

University of Copenhagen, Center for Social Data Science   *2023-2024*

Copenhagen Business School, Sustainability Centre   *2022-2024*

Leadership and Community building

Representative in Study board for MSc in Social Data Science   *2022-2023*

Co-founding member of the Social Data Science Student Subject Council   *2021-2023*

Publications and Invited talks

JOURNAL ARTICLES

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

UNDER REVIEW

Sentiments and Sustainability: Stakeholder Perceptions of Sustainable Fashion on Social Media
  Tereza Blazkova, Esben Rahbek Gjerdrum Pedersen, Kirsti Reitan Andersen
  International Journal of Fashion Marketing and Management (2024). 2024

INVITED TALKS

CBS Sustainability Centre Seminar: Corporate Sustainability between Aspirational Talk and Greenwashing
  2023, Copenhagen Business School, https://www.cbs.dk/en/research/departments-and-centres/department-of-management-society-and-communication/cbs-sustainability-centre/events/cbs-sustainability-centre-seminar-corporate-sustainability-between-aspirational-talk-and

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

Teaching

Graduate 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	Twitter API, Network analysis, Natural Language Processing, Machine Learning, LaTeX, Microsoft Office
Soft Skills	Communication, Responsibility, Strong team spirit, Problem-solving, Critical thinking, Independency

Interests

Academic interest	Algorithmic decision-making, Algorithmic Fairness, 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