

The results of some of the student projects on empirical ethics of digitization, Master course 2021/22

Dark patterns project winter 21/22

The paper "*Cookie Monsters on Media Websites - Dark Patterns in Cookie Consent Notices*" investigates the use of dark patterns on US and German websites:

- RQ1: Which dark patterns can be found in consent notices on media websites?
- RQ2: Do more German than U.S. American websites contain cookie consent notices?
- RQ3: Are there dark patterns that have not yet been described and could therefore be specific to media websites?

Findings: Read on in the presentation of the paper at the [special track](#) "ELIDT: Empirical Insights on Ethical and Legal Issues of Digital Transformation" at the [The Seventeenth International Multi-Conference on Computing in the Global Information Technology](#) 2022 or on [ResearchGate](#).

Sentiment analysis for news reporting on artificial intelligence winter 21/22

The paper "*Sentiment Analysis of News Media on Artificial Intelligence*" examined the research question: Have recent news articles about artificial intelligence generally become more positive, neutral, or negative?

A sentiment analysis for the year 2021 on news of the New York Times and the Guardian was conducted, using the Valence Aware Dictionary for sEntiment Reasoning (VADER).

From the abstract: "In accordance with the evidence that news media on AI show biases towards optimism, we focused our discussion on the values of journalism. We concluded with drawing attention to a potential theory-practice dilemma of applied ethics in journalism of AI news."

The paper was selected for the publication at the [special track](#) "ELIDT: Empirical Insights on Ethical and Legal Issues of Digital Transformation" at The Seventeenth International Multi-Conference on Computing in the Global Information Technology 2022.

companies. It is also an opportunity to hear from users about their perceptions of these models. We chose to take a quantitative approach to our research by analysing the different dark patterns used by a range of websites and mobile applications."

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