

Critical Perspectives on Large Language Models (LLM) such as ChatGPT

Half-day Input

Z-Modul [Kunst und Künstliche Intelligenz](#) by Andreas Kohli, 12-17.02.2023

Main Sources:

Bender, Emily M., Timnit Gebru, Angelina McMillan-Major, and Shmargaret Shmitchell. 2021. "On the Dangers of Stochastic Parrots: Can Language Models Be Too Big? □." In [Proceedings of the 2021 ACM Conference on Fairness, Accountability, and Transparency](#), 610–23. Virtual Event Canada: ACM.

Bender, Emily. 2022. [Resisting dehumanization in the age of AI](#). Talk at CogSci: Interdisciplinary Study of the Mind (07.29), 62 Min

Mozilla Internet Health Report. 2022. [Who Has Power Over AI?](#)

[Avoidable and Unavoidable Bias in the AI Pipeline](#) by Felix Stalder, 2022

Training Data for ChatGPT

- Colossal Clean Crawled Corpus
- [Common Crawl](#) * Dodge, Jesse, Maarten Sap, Ana Marasović, William Agnew, Gabriel Ilharco, Dirk Groeneveld, Margaret Mitchell, and Matt Gardner. 2021. "[<https://doi.org/10.48550/ARXIV.2104.08758>]Documenting Large Webtext Corpora: A Case Study on the Colossal Clean Crawled Corpus." arxiv.org

Group Work

- create groups of ~4 people
- play around with ChatGPT to document a specific bias (30 minutes)
- brainstorm an application by which to make use of this bias at scale (30 minutes)
- Make a short (5-minute) presentation on the bias and its application for (ab)use

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