AI Literacy Workshop: Ethics and Social Justice

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This is the outline and resources used for a workshop on AI Ethics and possible uses and misuses of AI in social justice issues. As we did a separate workshop on aspects of art and visual literacy, those resources are not mentioned below.

Learning Objectives:

- Learn how to recognize and mitigate biases in AI algorithms and data and to evaluate and ensure fairness in AI systems, including demographic parity and equal opportunity.
- Understand the ethical issues surrounding data collection, storage, and usage in AI applications.
- Learn about ethical guidelines for AI creators and users.

Prior to session: Send email with link to Padlet for those who have time to read some of the resources before the session.

Outline of session:

10 minutes background on AI Ethics and possibilities for social justice applications

10-15 minutes- Read and comment/rate the resources on Padlet. Resources were broken in 4 categories for this session- AI and Environmental Justice, AI and Workers Rights, AI and Healthcare, and AI Biases. They are listed below:

- [AI is Taking Water from the Desert (The Atlantic, March 2024)](#), paywall
- [The AI Industry is Pushing a Nuclear Power Revival, Partly to fuel itself (NBC News, March 2024)](#)
- [The Turk Wars: How AI Threatens the workers who fuel it (SSIR, Oct 2023)](#)
- [Microsoft's Historic AI Union Agreement Sets New Standard for Tech Workers' Rights (Tech Times, Dec 2023](#))
- [Denied by AI: How Medicare Advantage plans use algorithms to cut off care for seniors in need (Stat, March 2024)](#)
- [AI cannot be used to deny health care coverage, feds clarify to insurers (Ars Technica, February 2024)](#)
- [LLMs become more covertly racist with human intervention (MIT Technology Review, March 2024)](#)
- [We read the paper that forced Timnit Gebru out of Google. Here's what it says. (MIT Technical Review, Dec 2020)](#)
- [Chatbot AI makes racist judgements on the basis of dialect (Nature, March 2024)](#)