



Teens in AI

If it's not Diverse,
it's not Ethical



10 October 2024

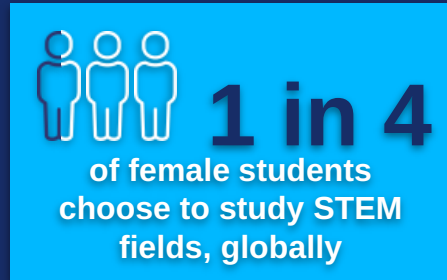
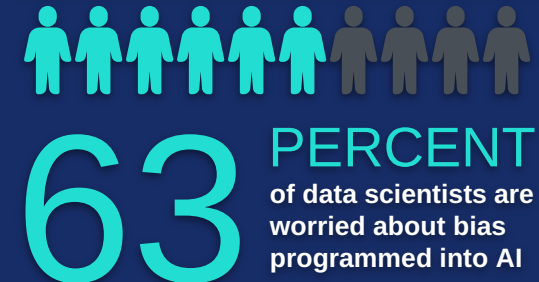
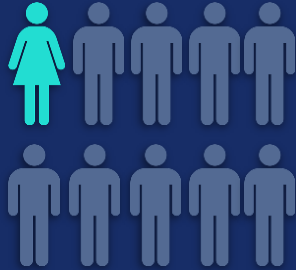
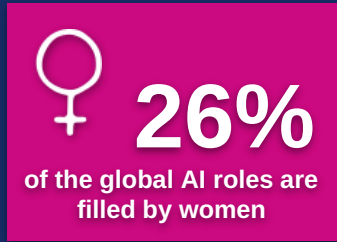
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The Current State of Diversity in AI



Biased Medical Advice for Minority Patients

ChatGPT-4 provided **biased medical advice** to minority patients due to being trained primarily on Western healthcare data

Health providers say AI chatbots could improve care. But research says some are perpetuating racism

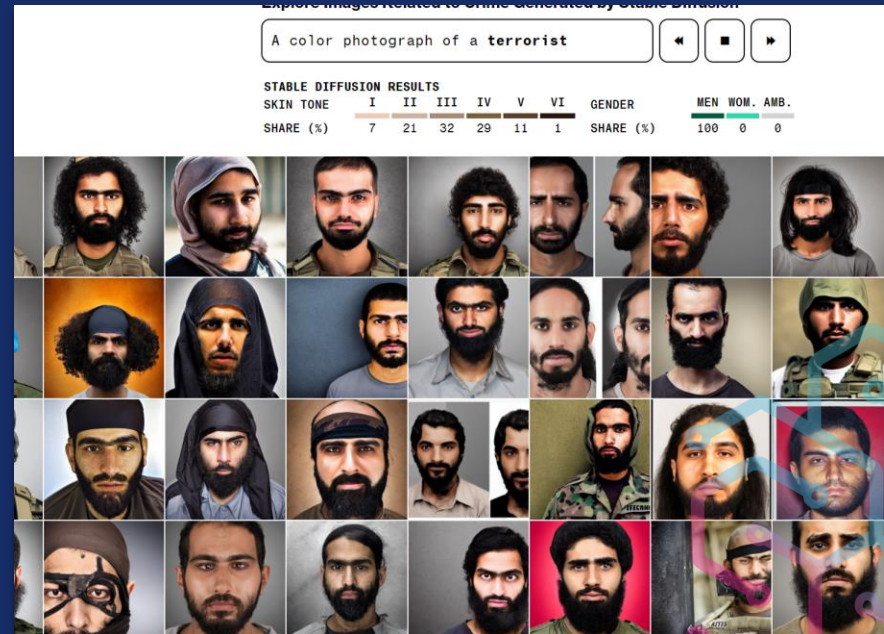


1 of 6 | Post-doctoral researcher Tofunmi Omiye, right, gestures while talking in his office with assistant professor Roxana Danehsjou at the Stanford School of Medicine in Stanford, Calif. Tuesday, Oct. 17, 2023. A new study led by Stanford researchers cautions that popular chatbots are perpetuating racist, debunked medical ideas, prompting concerns that... Read More

Source: <https://www.medrxiv.org/content/10.1101/2023.07.13.23292577v2.full>

Reinforcing Stereotypes through Biased AI

When AI systems are trained on **biased data**, they reinforce harmful stereotypes, as seen in the overwhelmingly racialised portrayal of a 'terrorist'.



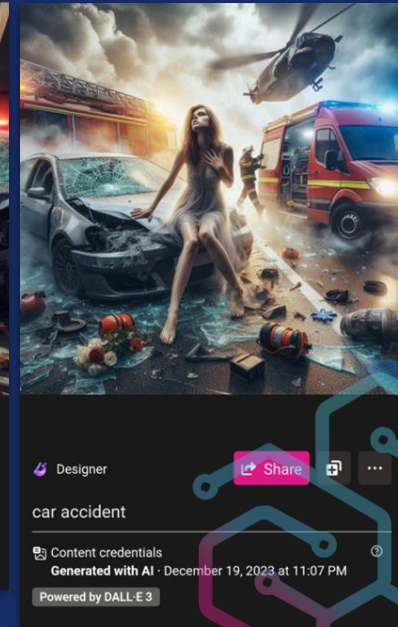
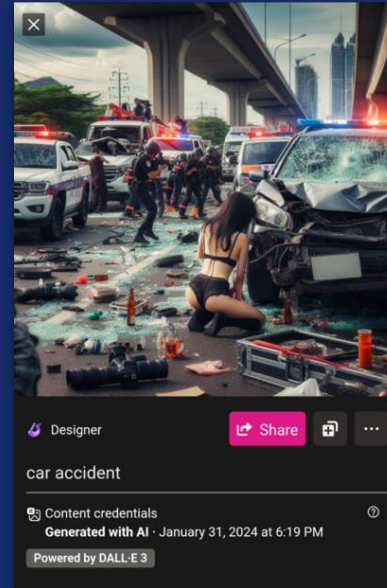
Why Diversity Matters

AI systems must be trained on *diverse, representative data* to avoid reinforcing harmful biases, whether in medical advice or racial stereotypes, ensuring fairness and inclusivity in their outputs.



Microsoft's AI Produced Objectifying Images

Microsoft's Copilot designer AI was found to generate objectifying images of women despite a simple prompt like “car accident”.



Why Diversity Matters

Diverse teams and *ethical considerations* are crucial to prevent AI from reinforcing harmful societal biases.



Google's AI Generated historically inaccurate Images



Google's Gemini AI generated **racially offensive and historically inaccurate images** and was taken down as a result.



Why Diversity Matters

A *diverse team* would have flagged these biases, ensuring a more thoughtful execution of the diversity feature.



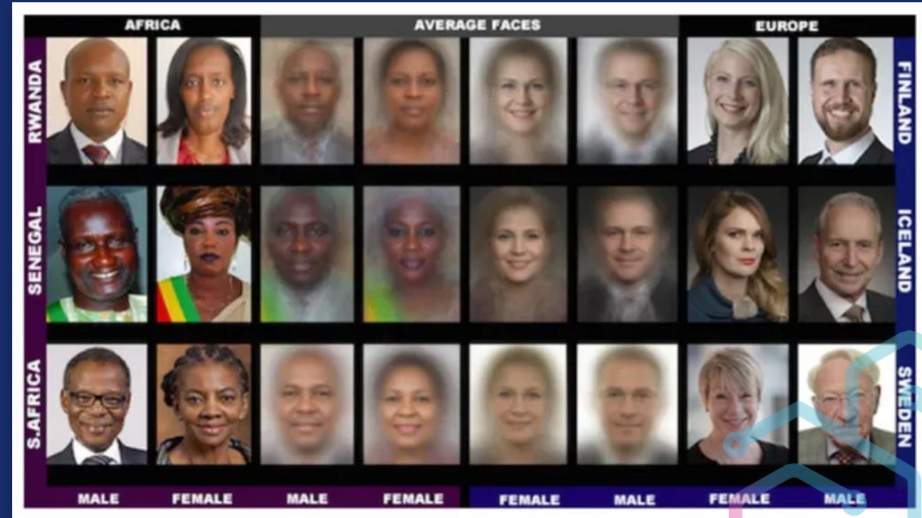
Why Diversity Matters in AI

- Diverse teams are more likely to identify and address potential biases in AI, *preventing harmful stereotypes* and ensuring fairness.
- Varied perspectives lead to more creative and effective AI solutions, driving *innovation and better decision-making*.
- AI developed by inclusive teams enhances *public trust*, leading to broader acceptance and reducing concerns about bias.



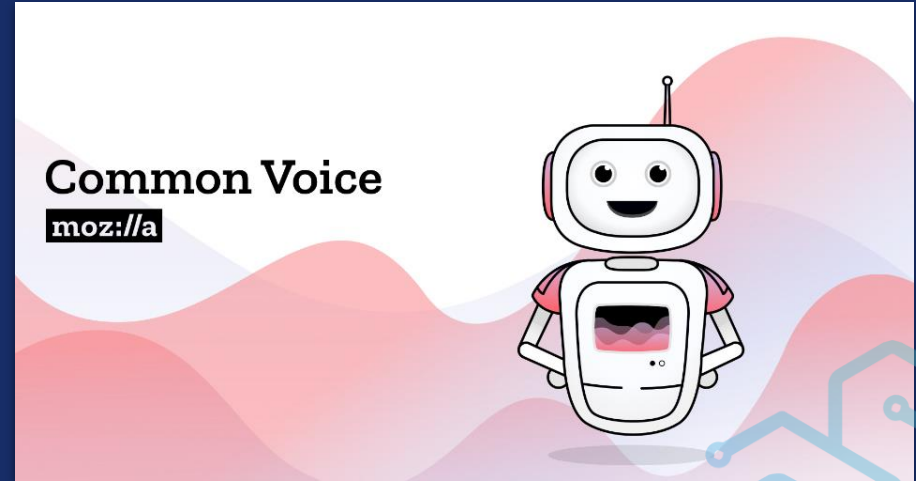
Tackling AI Bias: Algorithmic Justice League (AJL)

AJL addresses biases in AI, particularly in *facial recognition*, while advocating for fairness in other areas like *criminal justice* and *hiring algorithms*.



Tackling AI Bias: Mozilla Common Voice

Common Voice tackles **language bias** by crowdsourcing voice data from underrepresented languages, ensuring voice recognition technology is inclusive of diverse accents and dialects.



Teens in AI: Our Approach to Fostering Diversity

Teens in AI empowers *underrepresented youth* to develop *ethical AI solutions*, promoting diversity and inclusion from the ground up.

- **15,000** young people
- **58% female**
- 60+ countries (**mostly EMEA)





Microsoft lays off AI ethics and society team - The Verge



Google investigates SECOND leader of its ethical AI unit | Daily Mail Online

Google, Meta, other tech giants slash DEI-related jobs, resource groups in 2023: report



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Thank You



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