Why, AI.



Al understands me, but I can't understand it!

AI is NOT smarter than us AI should be understandable and accessible







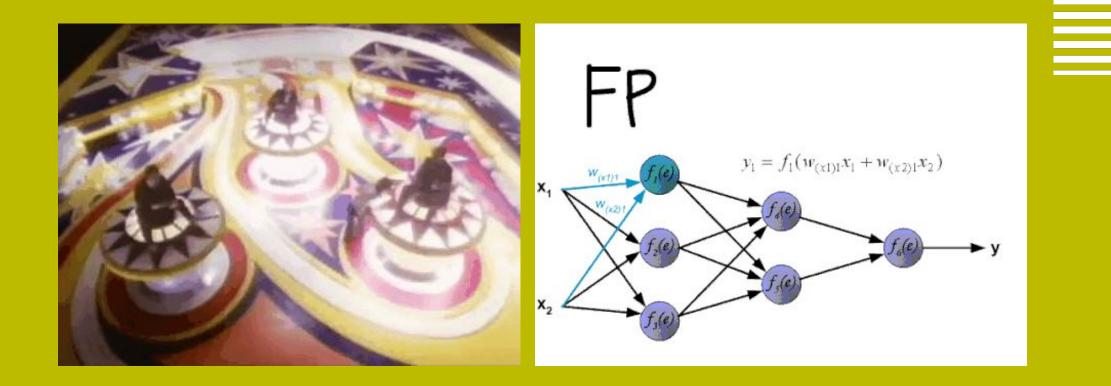
AI black boxes, personalised news feeds, all-knowing assistants? ... Not quite

WHY AI - UNRAVELING 15 MYTHS ABOUT AUTOMATION, ALGORITHMS, SOCIETY AND OURSELVES



Unequal impacts put extremely high stakes on Al's "misunderstandings"

WHY AI – UNRAVELING 15 MYTHS ABOUT AUTOMATION, ALGORITHMS, SOCIETY AND OURSELVES

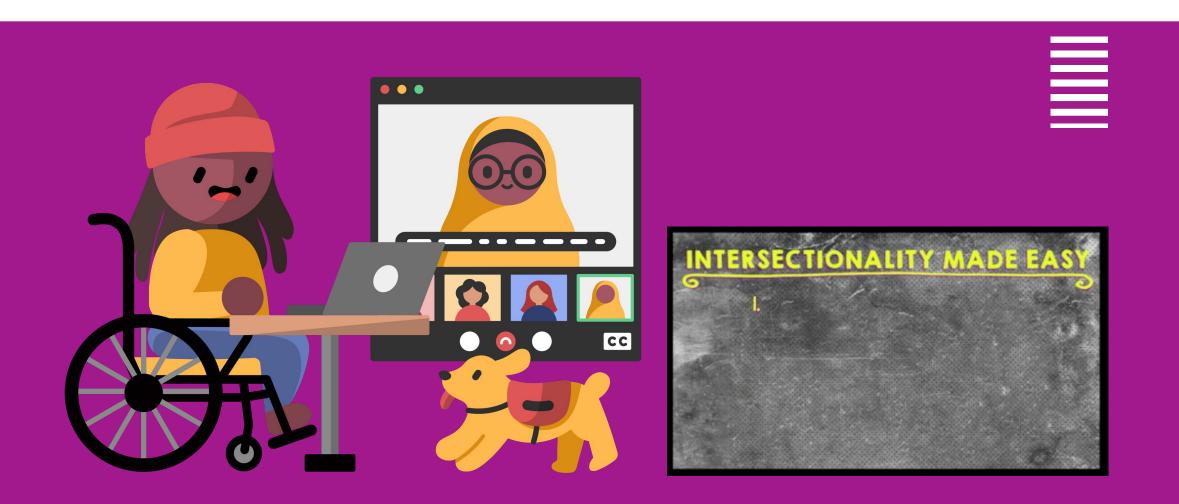


Artificial intelligence is just a lot of decisions made very quickly. Math isn't magic.



Al isn't more rational or emotionless, but just as human as any decision-making – amplified at scale.

WHY AI - UNRAVELING 15 MYTHS ABOUT AUTOMATION, ALGORITHMS, SOCIETY AND OURSELVES



AI should be understandable and accessible. AI should work for us—all of us.

Dana Chan for Disabled And Here



Changing the conversation around Al

Dataset Fact Sheet

Metadata



Title COMPAS Recidivism Risk Score Data

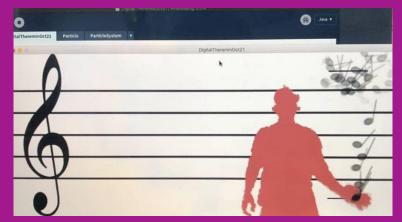
Author Broward County Clerk's Office, Broward County Sherrif's Office, Florida

Email browardcounty@florida.usa

Description Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

DOI 10.5281/zenodo.1164791

Time Feb 2013 - Dec 2014



clockwise from top left: ColorCoded.LA, Data Nutrition Project, ml5.js (Jay Borgwardt's Digital Theremin)



Call to Action: Understand AI

1. Don't be intimidated! *Al is for anyone*

2. Don't be fooled! *Al is not rational, magic, or human-free*

3. Do pay attention to language Al is not "understanding" the same way you do

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4. Do ask "Who is included? Who is left out?" *Al is for everyone; is everyone helped by it?*

Further Reading

Read

Cheney-Lippold, J. (2017). We Are Data: Algorithms and The Making of Our Digital Selves. NYU Press. Crawford, K., & Paglen, T. (2019, September 19). Excavating AI: The **Politics of Images in Machine Learning** Training Sets. Crenshaw, K. (2015). Demarginalizing the Intersection of Race and Sex: A Black Feminist Critique of Antidiscrimination Doctrine, Feminist Theory and Antiracist Politics. University of Chicago Legal Forum, 1989(1). Griffiths, C. (n.d.). Visualizing Algorithms. Isohale. Holland, S., Hosny, A., et al. (2018). The Dataset Nutrition Label: A Framework To Drive Higher Data Ouality Standards. ArXiv:1805.03677, http://datanutrition.org/

Watch

<u>Gebru, T. (2021, April 14). Dr. Timnit Gebru:</u> <u>Hierarchy of Knowledge in Machine</u> <u>Learning & Related Fields and Its</u> <u>Consequences – YouTube.</u> <u>Kantayya, S. (2020). Coded Bias.</u>

Do

<u>Bubble Sort. (2014, February 2).</u> <u>GeeksforGeeks.</u> <u>Kogan, G. (n.d.). *Neural networks*. Machine Learning for Artists. ml5.js. (n.d.). <u>Getting Started</u>. Ml5.Js. <u>Zubarev, V. (vas3k). (2018, November 21).</u> <u>Machine Learning for Everyone.</u></u>

> Thank you! Sarah Ciston ciston@usc.edu