What does “Age of Algorithms” even mean?

How do systems become racist?

How are they exploited by racists?

...what do we do now?!?
Information has to be organized and how it is organized matters.
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You're welcome.
INFORMATION LITERACY
IN THE AGE
OF ALGORITHMS

Student experiences with news and information, and the need for change

Alison J. Head, Ph.D.
Barbara Fister
Margy MacMillan
Life in the Age of Algorithms

Data are everywhere collected 24/7 and processed in real-time & at vast scale

Platforms seek patterns in data to try to predict and influence behavior and personalize news and advertising, based on guesses about individual preferences, creating the potential for us to experience different realities

Climate change is a flat-out hoax! Will we survive climate change??
Our lives are increasingly influenced by decision-making systems that build on correlations using "artificial intelligence" software that relies on incomplete data to make generalizations and amplifies existing biases at large scale.

Information systems we depend on are shaped by a tech culture marked by narrow perspectives and overconfidence that rely on mining users' data and manipulating their behavior in ways that undermine our trust in news, politics, and each other.

jessica yurkofsky (2019)
“...just a fancy technology-enabled form of stereotyping and discrimination, which is inherently problematic, but it’s easier for us to overlook because it’s happening online and we’re not seeing it.”
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Dissecting racial bias in an algorithm used to manage the health of populations

Ziad Obermeyer1,2,*, Brian Powers3, Christine Vogeli4, Sendhil Mullainathan5,*,†

See all authors and affiliations

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Racial bias in health algorithms

The U.S. health care system uses commercial algorithms to guide health decisions. Obermeyer et al. find evidence of racial bias in one widely used algorithm, such that Black patients assigned the same level of risk by the algorithm are sicker than White patients (see the Perspective by Benjamin). The authors estimated that this racial bias reduces the value of the algorithm by 40%.
WHAT ARE YOU LOOKING AT?
PROPERTY UNDER 24/7 SURVEILLANCE
The New Jim Code:

The employment of new technologies that reflect and reproduce existing inequalities but that are promoted and perceived as more objective or progressive than the discriminatory systems of a previous era.

Ruha Benjamin, 
*Race After Technology*  
*really good book!*
DEPLORABLES AND ALT-RIGHT UNITE
WE ARE WOKE TO YOUR PLANdemic. WE DO NOT CONSENT TO A GATES VACCINE.
So ... how do we get out of this mess?
Predictive Policing is rooted in war and occupation. It is yet another tool, another practice built upon the long lineage including slave patrols, lantern laws, Jim Crow, Red Squads, war on drugs, war on crime, war on gangs, war on terror ... However, this time it’s the veneer of science and technology, algorithms and data processing, hot spots, and math that give the Stalker State the power, justification, and supposed right to predict, to pathologize, and to criminalize whole communities, and to trace, track, monitor, contain, and murder individuals. This is the trajectory before the bullet hits the body.

StopLAPDSpying.org
DEFUND POLICE
oh no, the hypermilitarized american police have become an unaccountable gang of murderous fascists. i wonder if theres some books i can buy to fix this
triangular circle packing (background) – Mario Klingman
“Tree of Knowledge” poster – photo by char booth on Flickr
“perfect catalog” image by Matt Reidsma, used by permission
1942 catalog filing – LOC
Stupid computer – photo by ffluster
Hands - Photo by Perry Grone on Unsplash
George Floyd memorial - Photo by munshots on Unsplash
State police deployed in Minneapolis – Photo by Tony Webster on Flickr
Cluster of cameras – photo by Ashley on Flickr
Property under surveillance - Photo by Jon Tyson on Unsplash
Man holds deplorable and pepe sign in St. Paul - photo by Fibonacci Blue on Flickr
Child with “plandemic” sign – photo by Paul Becker on Flickr
Doris Rudd Porter, “human computer,” with Manometer tape, ca. 1946 (?) via NASA
Site of announcement where Minneapolis city council defunded police – Photo by Tony Webster on Flickr
Large protest in DC – photo by Ted Eytan on Flickr