



What's next?

Let's figure out our next steps

Microsoft Edge

DOWNLOAD
for Windows 10

World-class performance

You get it all with Microsoft Edge—performance, compatibility, and speed to make browsing the web even more effortless.

More protection & control

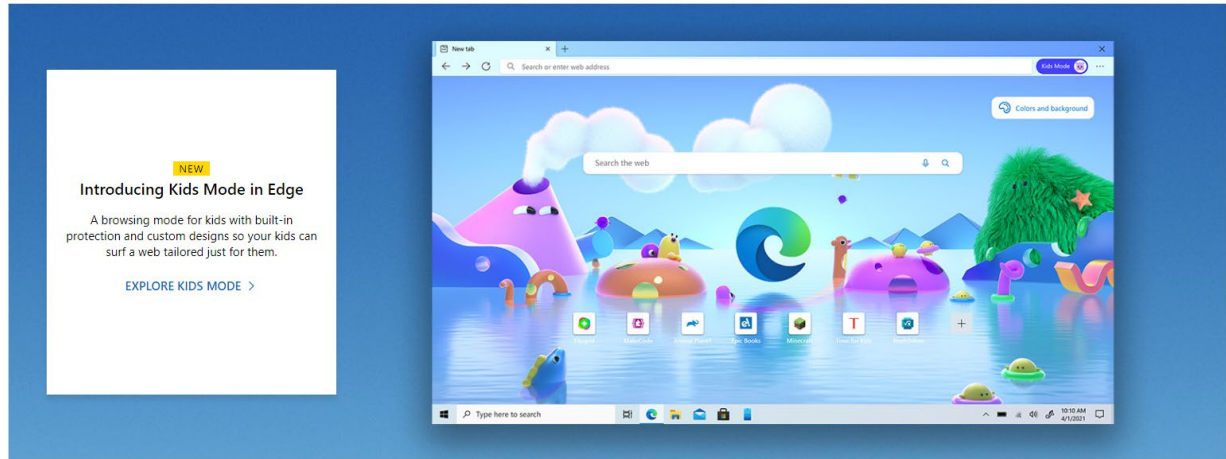
Microsoft Edge has built-in features designed to give you more control over your data and to protect your privacy online.

More productivity

Microsoft Edge comes complete with features designed to customize your browsing experience and to help make you more productive.

More value

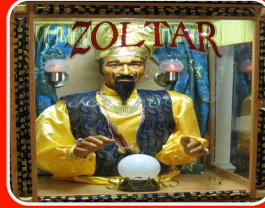
When you Give with Bing¹ through Microsoft Rewards, your searches will earn points that are automatically donated to the cause of your choice.



Browse across devices

Microsoft Edge is available on all supported versions of Windows, macOS, iOS, and Android.
[Using Windows Server? Get Microsoft Edge here.](#)

The big picture of regression



Prediction

- Model existing observations
- Forecast new data



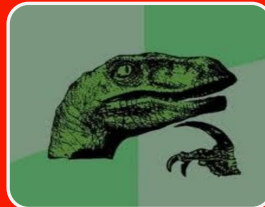
Exploring Associations

- How well one variable(s) predicts an outcome
- Use a model to explore associations, stratifications, or structural relationships



Extrapolation

- Adjust from known differences between sample and populations of interest.
- Identify bias and understand representativeness



Causal Inference

- Estimate treatment effects

Career Paths



Research

- Design, collect, transform, model, visualize, communicate



Data Scientist

- Design, access, transform, model, visualize, communicate



Data Analyst

- Access, transform, model, analyze (What about x), visualize, communicate



Data Engineer

- Design, build, transform, scale, communicate



Project Management

- Resource, facilitate, prioritize, visualize, communicate

The Value Pipeline (How to get value from data)



Highest Return On Investment

- **Communication (WHCP, Public Speaking)**
 - Whatever you work on, you'll need to communicate on
- **Visualization (Edward Tufte)**
 - Pictures are more powerful than words
 - Animations are more powerful than pictures
- **General purpose programming (Python)**
 - There's always a tool for the job, but Python can get you 90% of the way 90% of the time
- **Statistics**
 - Understand the what
 - Asking the right question is much harder than finding the right answer
 - Distinguish want from need
- **Research**
 - 99% of what you'll want to do, somebody has already done

Keep in mind

- Data can be huge, sampling is your best friend
- Source control (Git)
- Manage environments (Conda, venv)
- Frequent short meetings keep everybody in sync
- What is often harder than how, so spend time in the what
- Push back on requirements
- Differentiate between wants and needs
- Think big, start small
- Optimize iteration speed

Question

020

If ads could be tailored so effectively to your personal desires and concerns that they'd be nearly irresistible, would you want to ban them? Would you buy special high-tech sunglasses that screened out billboards and other advertising to leave a pristine visual landscape?

The Battle for Models, Algorithms, and Privacy

The New York Times

Coup in Myanmar | What We Know | Visual Investigation | A Small Town Suffers | The Military's Brutality | Democratic Hopes Unraveled

A Genocide Incited on Facebook, With Posts From Myanmar's Military

f WhatsApp Twitter Email Share Bookmark 116



A border police officer at a repatriation center for Rohingya returning to Myanmar. Human rights groups blame anti-Rohingya propaganda online for fueling violence and displacement. Adam Dean for The New York Times

By Paul Mozur

Oct. 15, 2018

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Amazon

This article is more than 2 years old

Amazon ditched AI recruiting tool that favored men for technical jobs

Specialists had been building computer programs since 2014 to review résumés in an effort to automate the search process

Reuters
Wed 10 Oct 2018 19:42 EDT
175



▲ Amazon's automated hiring tool was found to be inadequate after penalizing the résumés of female candidates. Photograph: Brian Snyder/Reuters

Amazon's machine-learning specialists uncovered a big problem: their new recruiting engine did not like women.

The team had been building computer programs since 2014 to review job applicants' résumés, with the aim of mechanizing the search for top talent, five people familiar with the effort told Reuters.

Automation has been key to Amazon's e-commerce dominance, be it inside warehouses or driving pricing decisions. The company's experimental hiring tool used artificial intelligence to give job candidates scores ranging from one to five stars - much as shoppers rate products on Amazon, some of the people said.

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THE VERGE

TECH TESLA

Feds investigating fatal Tesla crash where no one was in the driver seat 131

The first fatal incident to involve a Tesla with no one in the driver's seat

By Andrew J. Hawkins | @andyjayhawk | Apr 19, 2021, 11:42am EDT

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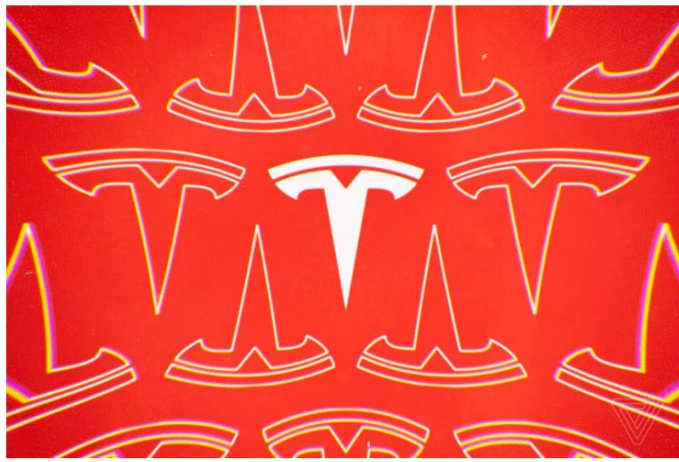


Illustration by Alex Castro / The Verge

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Bill Gates: AI is like “nuclear weapons and nuclear energy” in danger and promise

In a Stanford keynote, Gates argues AI can transform medicine and education but warns of risks as well.

By Kelsey Piper | Mar 20, 2019, 1:50pm EDT

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Bill Gates at a forum in Shanghai, China, in 2018. | Lintao Zhang/Getty Images

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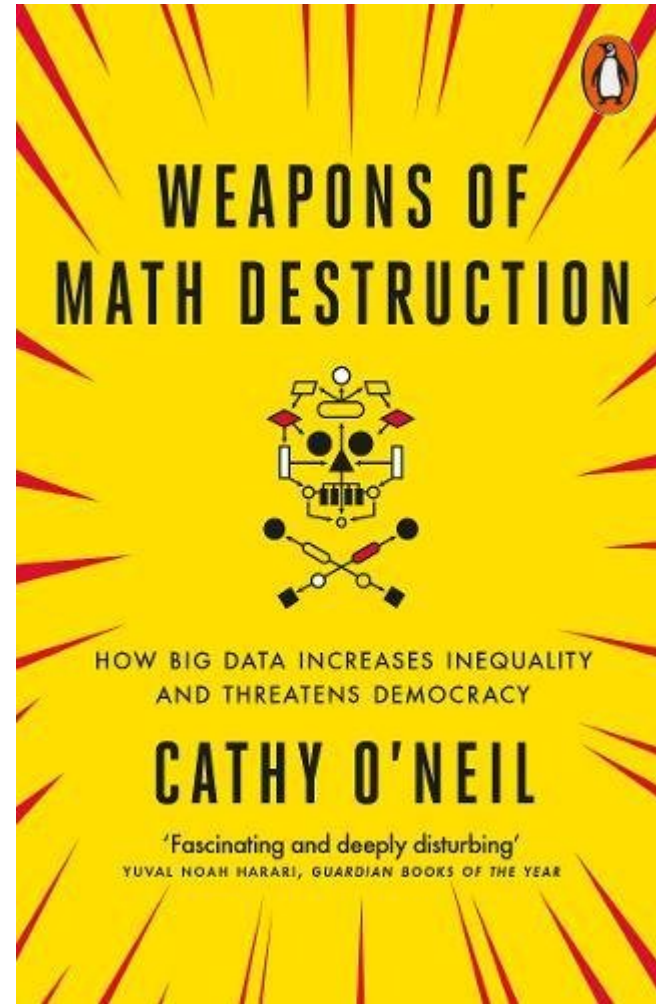


How the US won the economic recovery

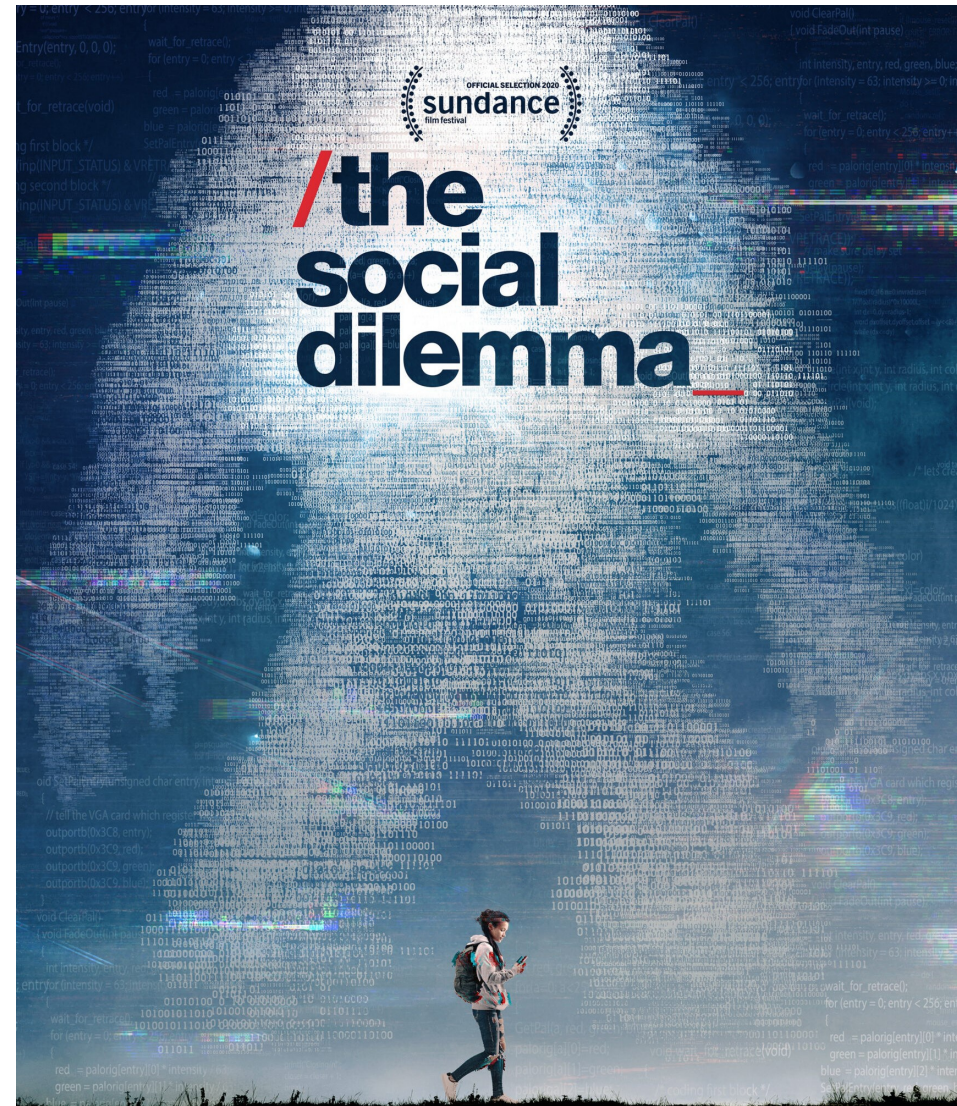


“Wokeness is a problem and we all know it”

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Your Responsibility



Checklist

- [Download Edge, try it for a week as default, let me know how it goes!](#)
- [Regression and Other Stories](#)
- [The Visual Display of Quantitative Information](#)
- [TED Talks: The Official TED Guide to Public Speaking](#)
- [The Data Ops Cookbook](#)
- [The Social Dilemma](#)

A red speech bubble graphic with a white outline, containing the text "Reach out!".

Reach out!

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- [Juan M. Bear | LinkedIn](#)