



# Open Source and Web Mapping

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Ethical Software and Developing for  
Civil Society

Lecture

Visiting Voice

Group Time

Join at  
[slido.com](https://slido.com)  
#ucla

Albert Kochaphum  
Lecture 4 | July 15<sup>th</sup>, 2024



Week 4! Ready 4 more?!



Join at  
**slido.com**  
**#ucla**

ready 4 sure

yes

no:(

yass

yippee

yay

meow

yawrr

Yeahhhh



## Was the group project feedback helpful?

Yes, a lot



Yes, a bit



No, we are bringing pitchforks to office hours.



Somewhat

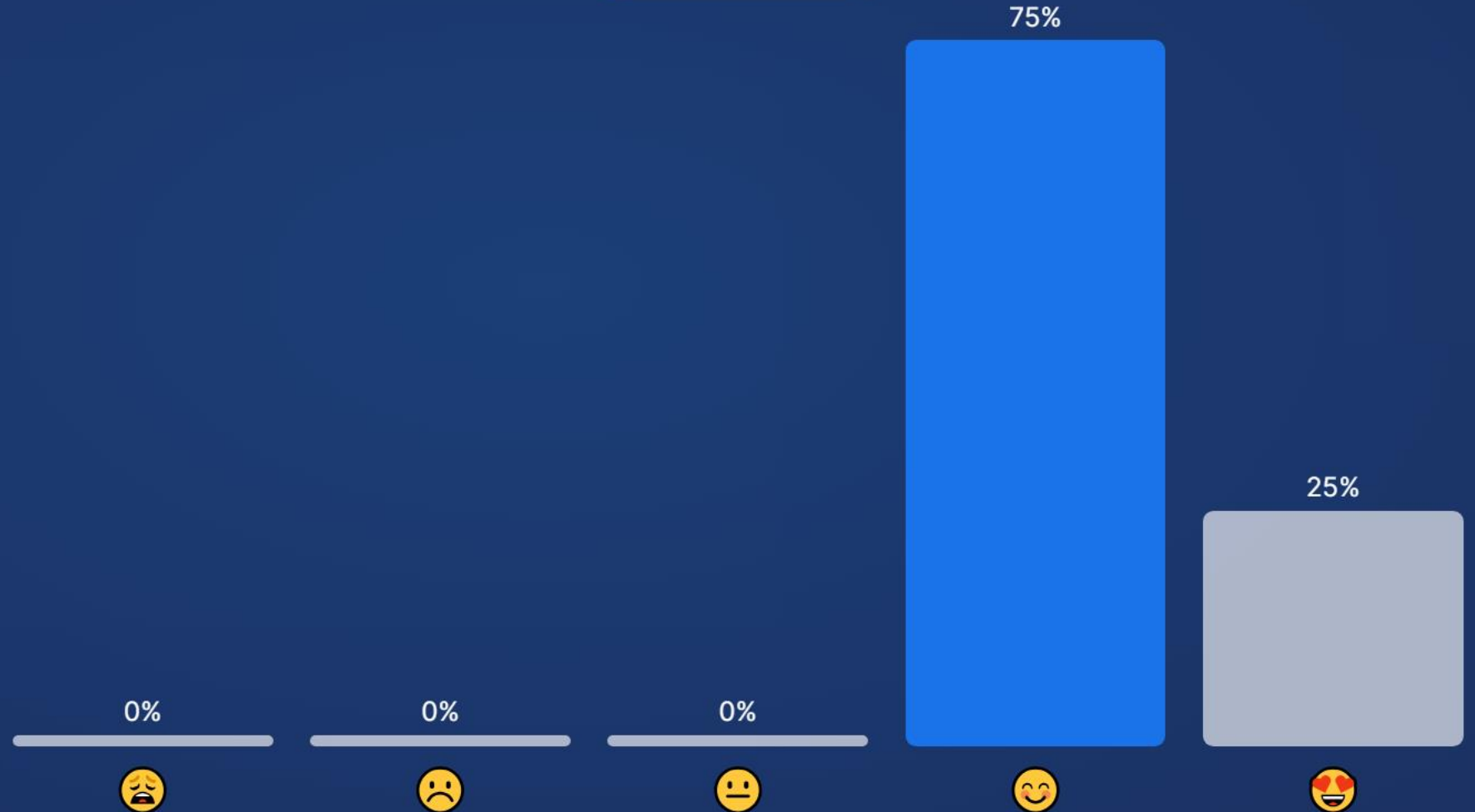


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**slido.com**  
**#ucla**



## How would you rate the GIS and Ethics reading?

Score: 😊 4.3

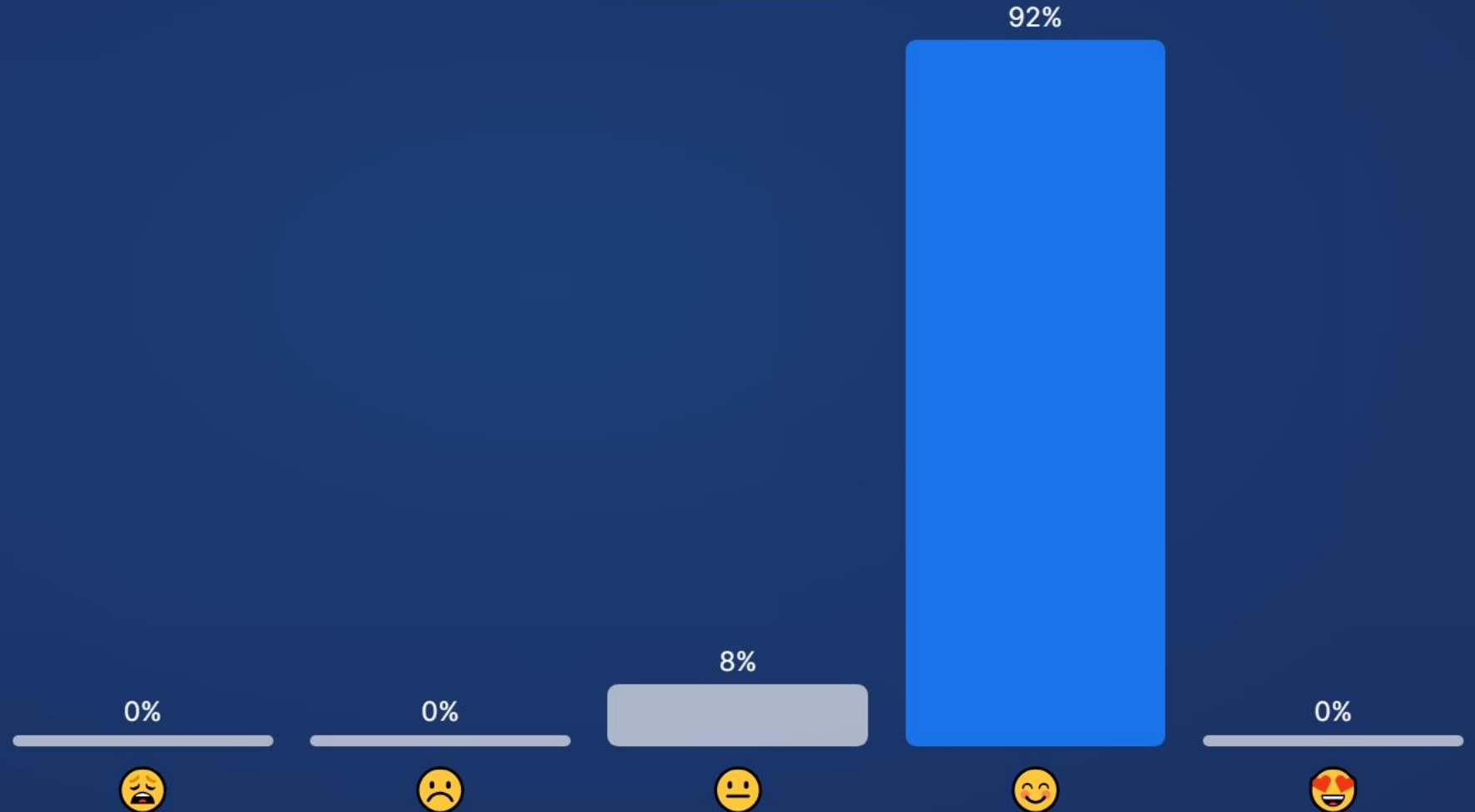


Join at  
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## How would you rate the "Don't blame Social Media, Blame Capitalism" reading?

Score: 😊 3.9



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## How was last week's workload?

Just right



Too much



Too little



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## Extension for Group Assignment #3 and revisions?

Yes, we need moar time 🥹



No, we wanna code/survey sooner!



Doesn't matter as long as can still submit earlier



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What does open source mean to you?

Publicly available and accessible

community

Accessible

open source

Not closed

what software should be

open to the public

morework

collective development

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### Do you like Albert's puns?

Yes.....



Yes.



Yes!



# **Theme of the week**

**How do you decide what technology is right?**

# Connecting from last week

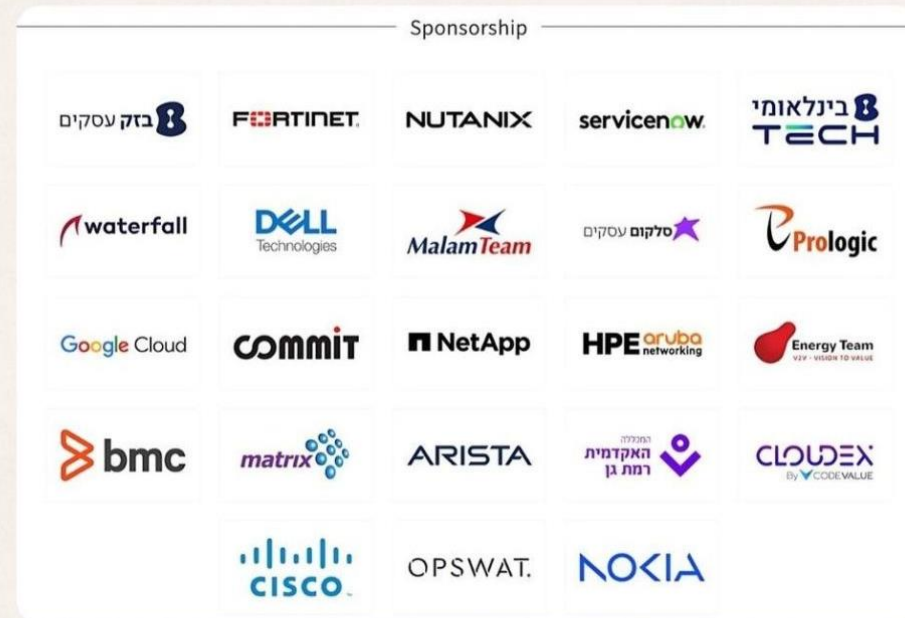


Rights groups have previously accused the company of censoring pro-Palestine content.

**Technology conflating anti-Zionism (a settler-colonial project) with anti-Semitism**

# Connecting this topic from last week

Israel's genocidal army thanks the following companies for their complicity:



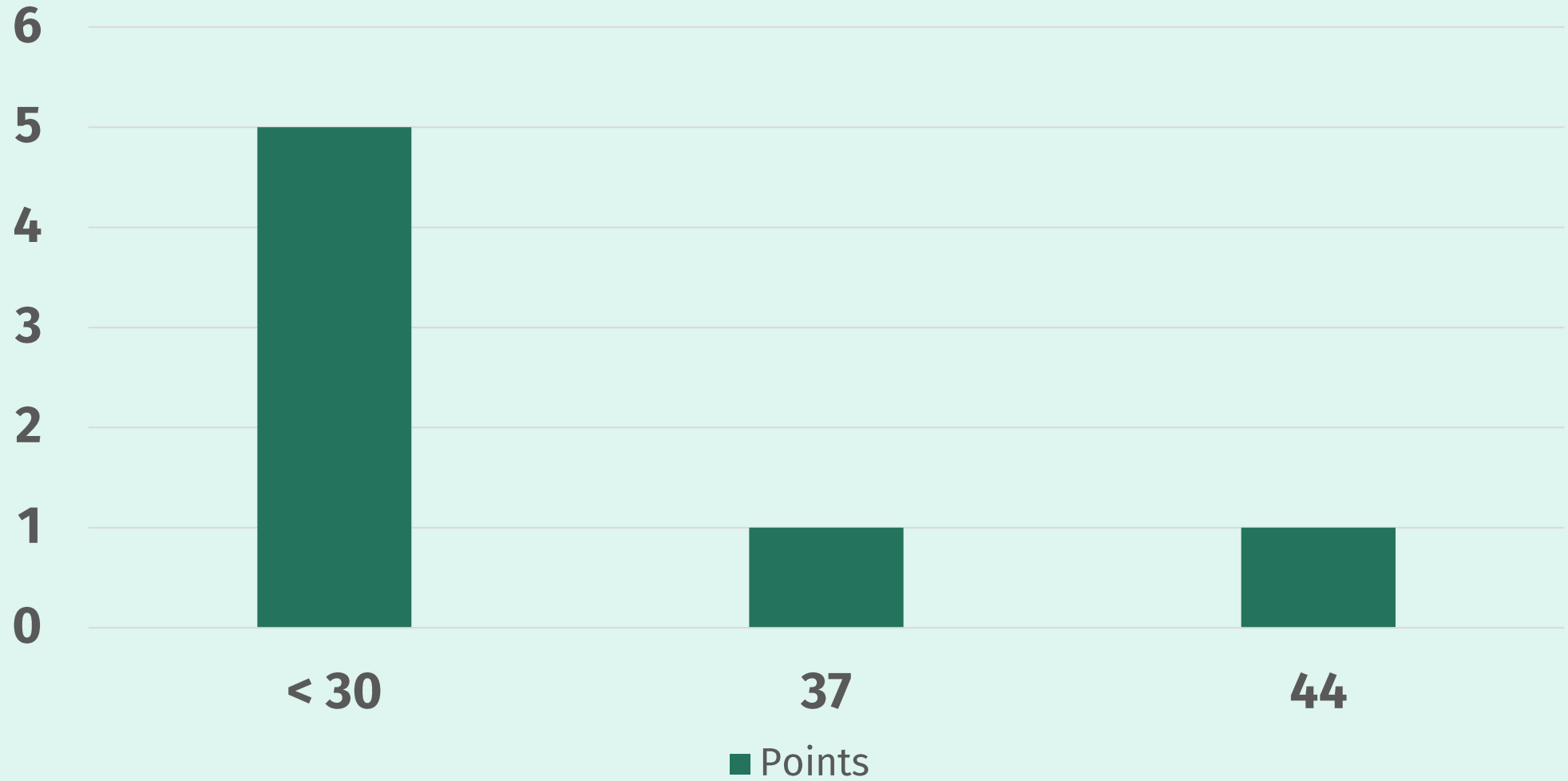
List of sponsors of the *ITforIDF* conference in Tel Aviv.

**Keep an eye on these names!**

# What is on the horizon

	Monday	Wednesday
<b>Week 4</b>	Open Source	Survey Lab
<b>Week 5</b>	Design Justice	UI/UX Lab
	<b>Group Project Surveys</b>	
<b>Week 6</b>	MapLibre Plugins Lab	Final Lecture
	<b>Rough Draft</b>	<b>Final Presentations</b>

# Memo Grade Distribution



# Overall Class Grade Distribution



# What is on the horizon - Assignments

	<b>Monday</b>	<b>Wednesday</b>
<b>Week 4</b>	<b>Thinking Cap #4</b>	<b>Lab #3</b>
<b>Week 5</b>	<b>Thinking Cap #5</b>	<b>Lab #4</b>
	<b>Group - Surveys</b>	
<b>Week 6</b>	<b>Thinking Cap #6</b>	<b>Group - Final</b>
	<b>In-class Lab #5</b>	
	<b>Group - Rough Drafts</b>	



# Group Assignment #3



**Should revise your survey as soon as possible to make the assignment easier!**

# **Not many assignments left!**

- **2 Labs**
- **3 Thinking Caps**
- **1 In-class assignment**  
(Lab)
- **3 Group Assignments**

**Light at the end of tunnel!**

# Palestinians say Microsoft unfairly closing their accounts

4 days ago

By Mohamed Shalaby and Joe Tidy, BBC World Service

Share 



Getty Images

<https://www.bbc.com/news/articles/cger582weplo>

# Open Source and Web Mapping

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Lecture



Lecture

Visiting Voice

Group Time

# Open Source and Web Mapping

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Alwards

Lecture

Alwards

Lecture

Visiting Voice



スタジオアンジブリアブル

STUDIO UNGHIBLI-VABLEY GREAT

**ALWARDS**

# NICE JOB STAYING THE BOY AND THE HERON TOPIC! (A LITTLE LATE THOUGH!)

## Kaila Imada

My ethical views with society and technology has only recently come to some level of maturity after experiencing and ethical dilemma myself...While Crampton in some ways mirror the SAG-AFTRA strike, because they are attempting to nail down a solution, I do think that finding a code of conduct is necessary. However, we are currently seeing the issues of his warnings of solutions sometimes being as bad as the problems.



## Sadhana Jeyakumar

“Growing up, I often heard that technology is merely a tool, and its impact depends on how it is used. This idea was usually accompanied with the common knife analogy, such that a knife is just a tool as a surgeon can use it to save lives while a murderer can use it to harm others... viewing technology as a model rather than a tool aligns with my belief that ethical considerations must address both societal and technological aspects, as neither side is completely guilty or innocent when it comes to social challenges...”

# THE THINKKIKI-NG CAP OF THE WEEK

## Michelle Zhao

When it comes to society and technology, I believe simply that the well-being of people should be prioritized. I don't think social media in its current and most popular form could ever become an ethical tool even if the world suddenly shifted to a different -ism overnight because, ultimately, it has become a tool against people rather than for people; the bad actors right now may be capitalism and technocratic agendas, but unregulated technology like social media and big data analysis inherently have made it and will continue to make it much easier for the elite to abuse their power and influence over the rest of society.





# NICE STYLING OF BULLET PONYO-INTS!

Jasmine Reyes



Lab 2: Jasmine's World of Matcha <3



Jellyman DAMO Memorylook Junbi

## **Favorite Matcha Places!!**

Jellyman  
DAMO  
Memory Look  
Junbi

<https://shintuzd.github.io/23s-asiaam-191a-assignments/week2/maps.html>

# I'VE SPIRITED AWAY-ITED FOR SOMEONE TO ADD A MENU HEADER

Caitlynn Hauw



## caitlynn's lit, crazy, cool portfolio

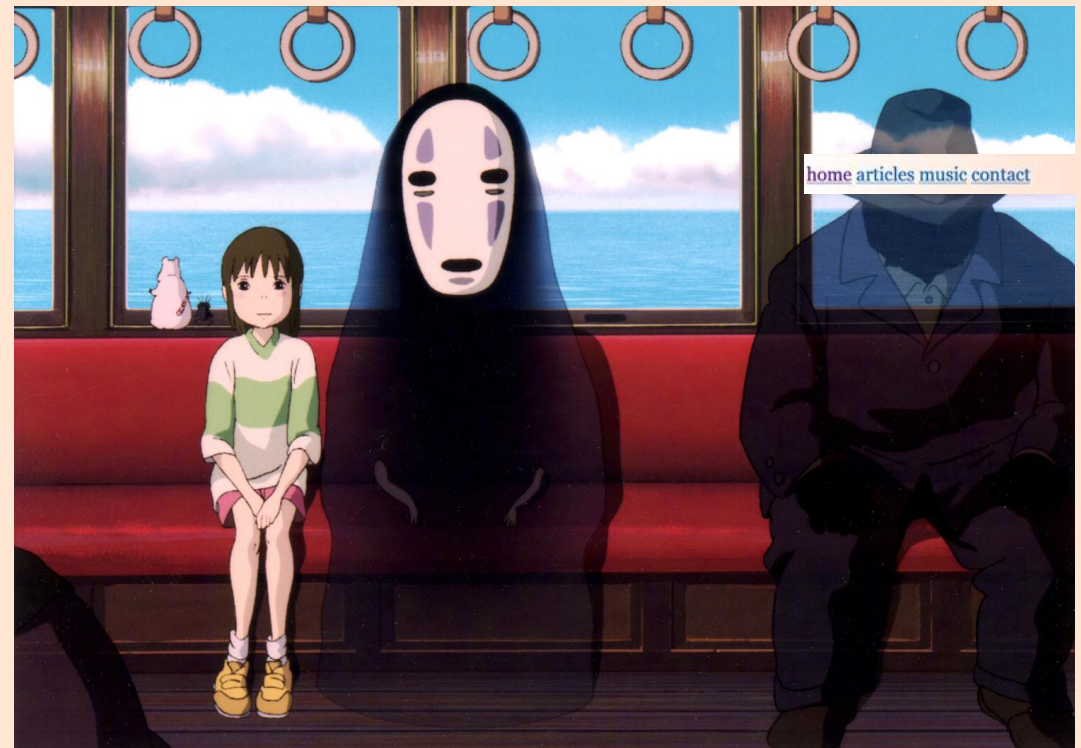
[home](#) [articles](#) [music](#) [contact](#)

### bio

hello! my name is caitlynn and i'm a second-year cognitive science major at ucla. due to my personal experiences, i'm passionate about mental health advocacy and youth representation in public health. although i intend to pursue a career in clinical psychology, i also really love web development! however, i'm learning through this class that i love people far more.



### restaurants I have eaten ramen at in san diego



<https://caitlynn-hauw.github.io/aa191-assignments/week2/index.html>

# NICE MY NEIGHBOR TOTOROLL-OVER MOUSE EVENT

Paige Wu



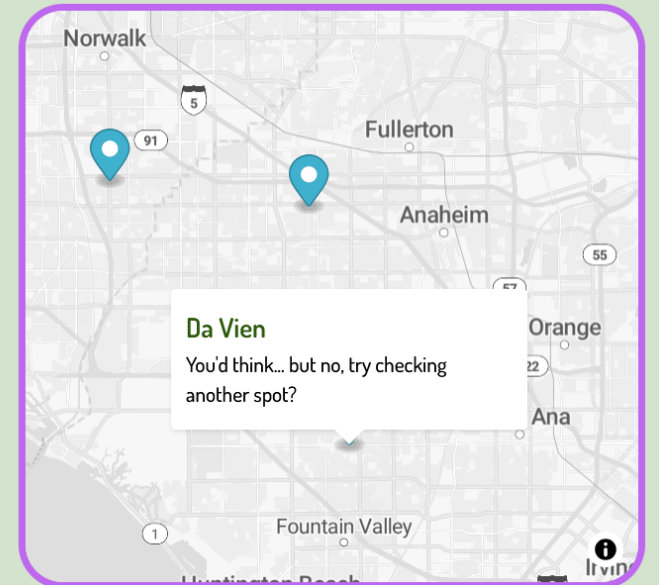
Where in the world is... Paige Wu???

Pho Tasty   Martinez Nursery   Da Vien

Y'all... I lost her in Orange County TuT...  
Can you check where she's at???

Try hovering over the markers! It should pop-up ideally!

- Maybe she's out eating? Check her favorite spot!
- Oh oh oh! Go check her favorite plant nursery?
- Or maybe just check her favorite cafe?



<https://pwinnie2026.github.io/24su-asiaam-191a-labs/Week2Extra/index.html>

# PORCO ROSSOLD ME ON YOUR ANIMATED BUTTONS

## Kaila Imada

Lab #2

Inosanto Academy

JAM

Yates Gym

### About Kaila

#### My favorite training spots in LA- see map

My name is Kaila Imada and I enjoy training stunts and martial arts in LA. I am finishing my undergraduate this summer before starting my studies in Entrepreneurship at USC in the fall. Before the summer ends,

<https://kimada62.github.io/24su-asiaam-191a-labs/week2/>

## Kiana Tran

### Some of Kiana's Favorite Coffee Shops in the OC Area

Krisp  
Airoma  
Stereoscope



<https://kianaptran.github.io/24su-asiaam-191a-labs/week2submission/>

# NICE RANDOM BUTTON CHANGING THE BACKGROUND CSS COLOR'S HOWL'S MOVING CASTLE-MENT!

## Sadhana Jeyakumar

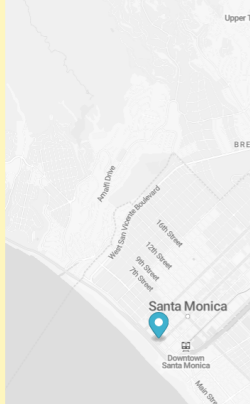
Lab Assignment #2 - Functional Events

### My Favorite Off-Campus Restaurants

- Chinchikurin Sawtelle
- Din Tai Fung
- Sham India's Oven
- Tulsi
- Elephanté

Chinchikurin   Din Tai Fung   Sham India's Oven   Tulsi   Elephanté

★ Change the background color!



Copyright (2024)



## Keiya Wada

### Lab Assignment #2 My Portfolio

Aragon High School   BonChan   Tennis

#### Where I usually spend most my time

- High School
- Downtown
- Tennis

\*\*\*Click Here to Change Color\*\*\*

<https://sjeyakum.github.io/24su-aas191a-labs/week2/index.html>

<https://keiya-wada.github.io/asiaam-labs/week2/index.html>

# NAUSICAÄ ANIMATED BUTTONS AND POPUPS FOR THE WIN(D)!

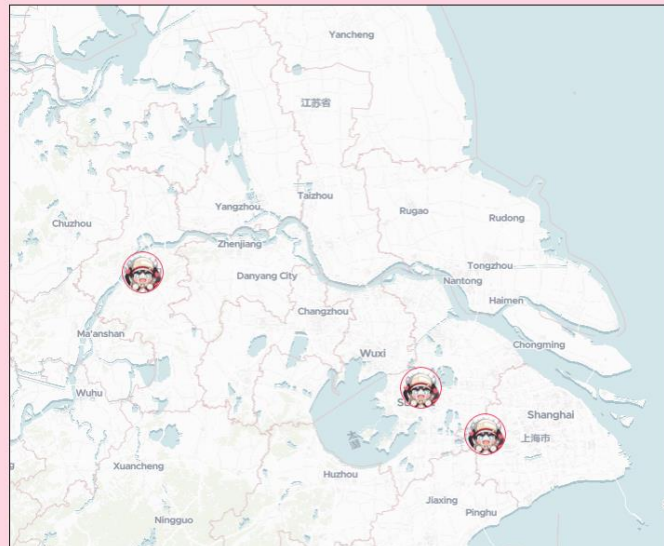
Michelle Zhao

ABOUT ME! ^\_< ☆



Hi! My name is Michelle, and I'm currently a junior at UCLA majoring in Computer Science as well as double minoring in Digital Humanities and Philosophy. One of my goals is to become capable of creating ethical software that can be used to improve critical infrastructure in society, and I am looking forward to how the content covered in class as well as the

WHERE I WENT!



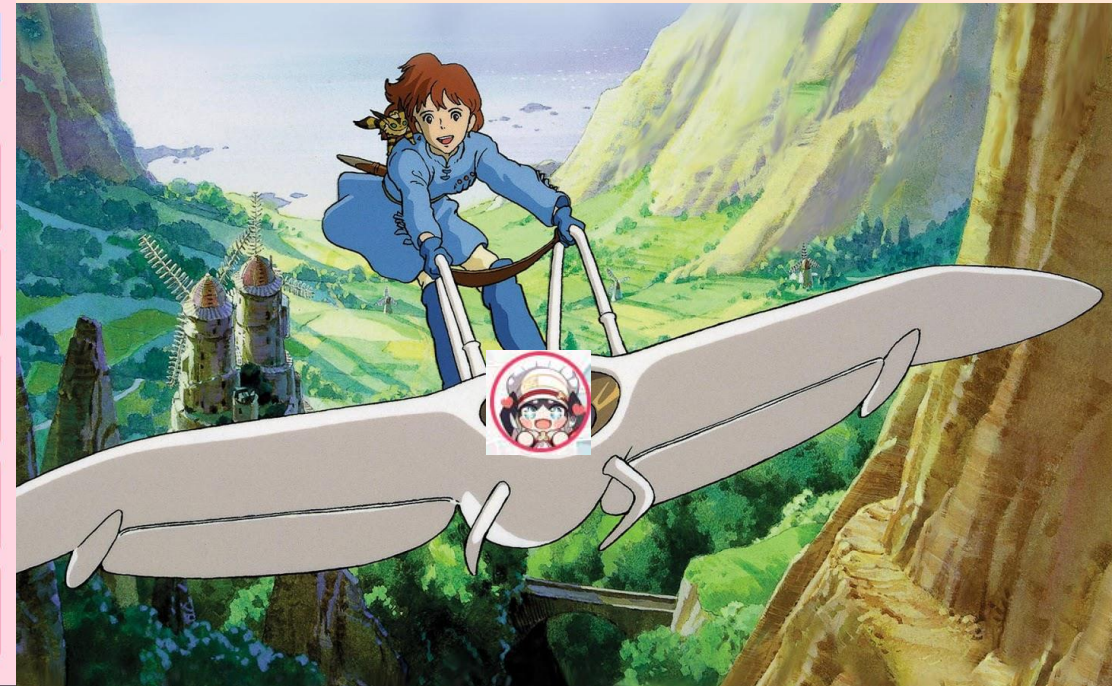
SHANGHAI

HANGZHOU

SUZHOU

NANJING

DEFAULT VIEW



<https://catherinehu.github.io/191a-labs/week2/map.html>

# I JUST HAD TO PRINCESS MONONO-CAVE-IN AGAIN FOR THIS LAB OF THE WEEK!

Justine Lim



## LAB #2: FUNCTIONAL EVENTS

### Justine's SUPER AWESOME

#### Koreatown Food Tour!

- ★ MDK Noodles
- ★ Tangtastic
- ★ Sun Nong Dan
- ★ Sul & Beans
- ★ Heyri Cafe



<https://stineest.github.io/24su-191a-labs/week2/index.html>



# Lecture

Ethical Software and Developing for  
Civil Society

Lecture

Alwards

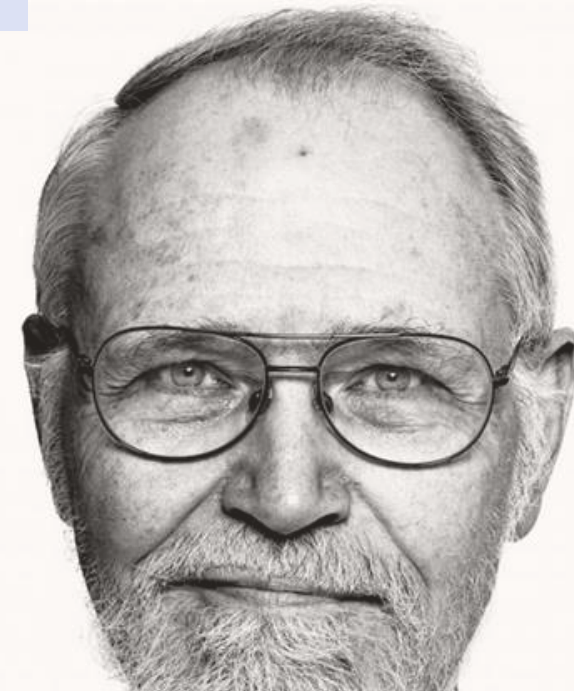
Lecture

Visiting Voice





# Open Source



<https://www.facesofopensource.com/>

# The Three Opens

- Open Source
- Open Standards
- Open Data

# My Thinking Cap

Personally, I believe that technology and society need to be viewed holistically- as a part of the entire human experience.

We should constantly evaluate how society and technology are connected and need to affect each other in a balanced way.

I believe ethics uplift civil society because I accept the need to look at communities as a whole and not just subjects/sources of data.

**Leads to....**

**A collaborative open-community**

**Is this enough?**

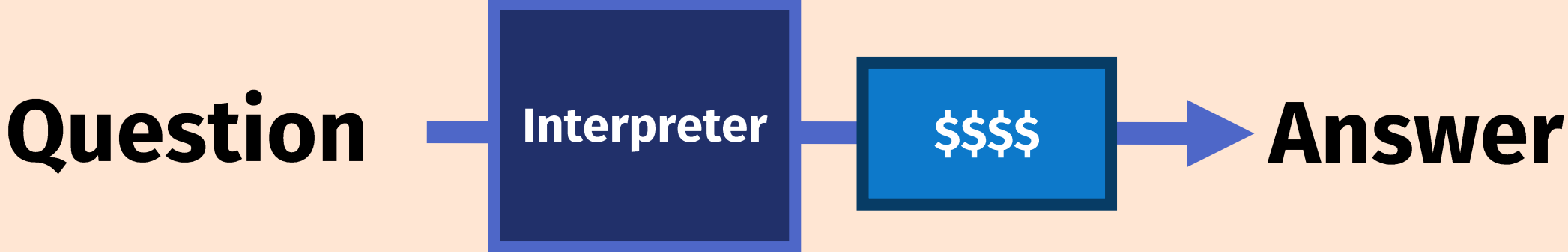
# What is programming?



↑  
\$\$\$\$\$\$\$\$



# What is programming?





# Importance of an open internet....

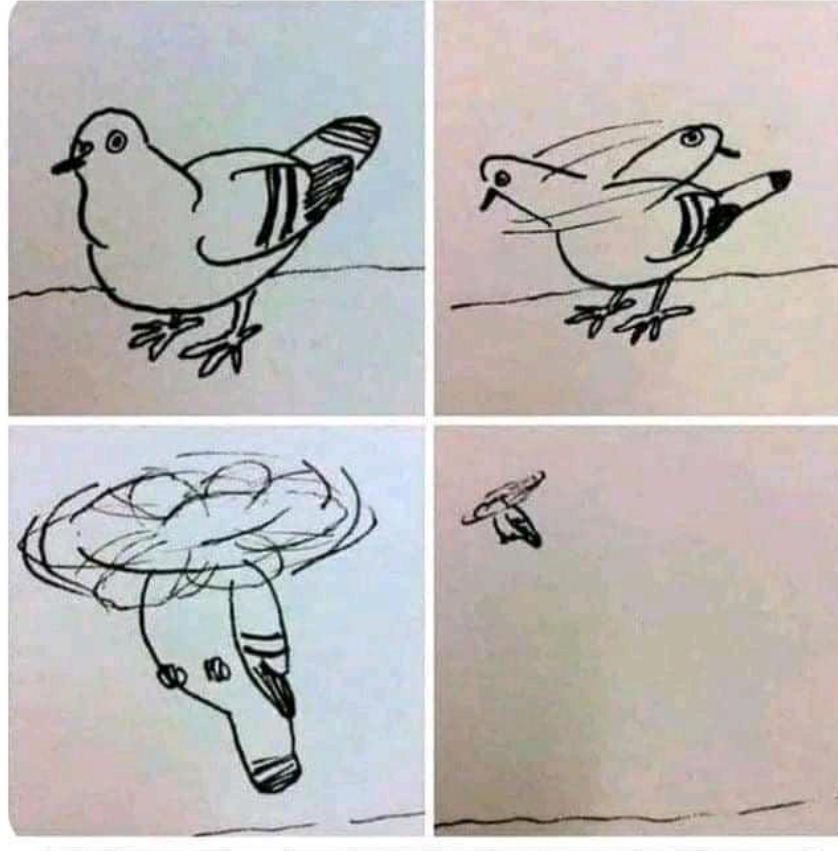


# A programmer vs. non-programmer

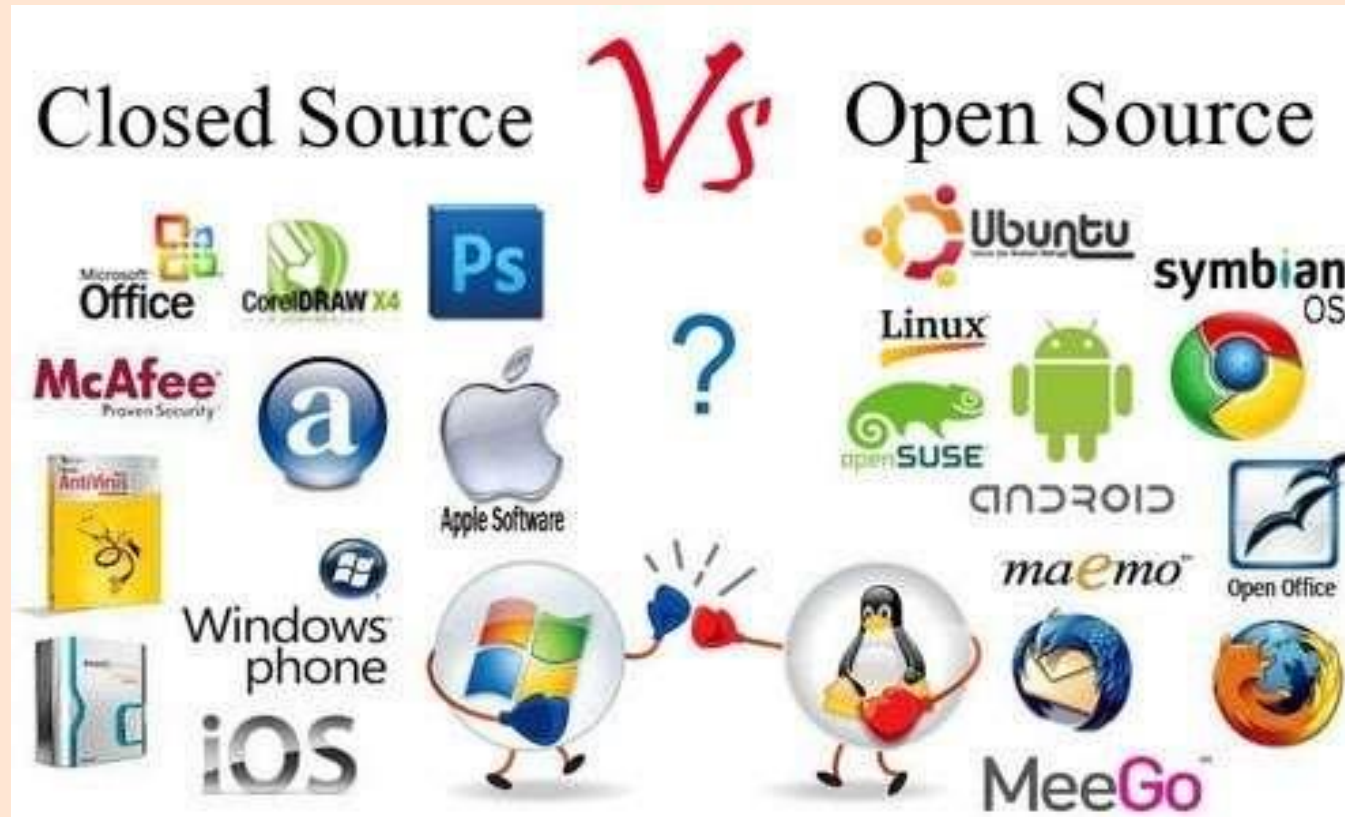


When we see code, we don't give up!

When your program  
is a complete mess,  
but it does its job

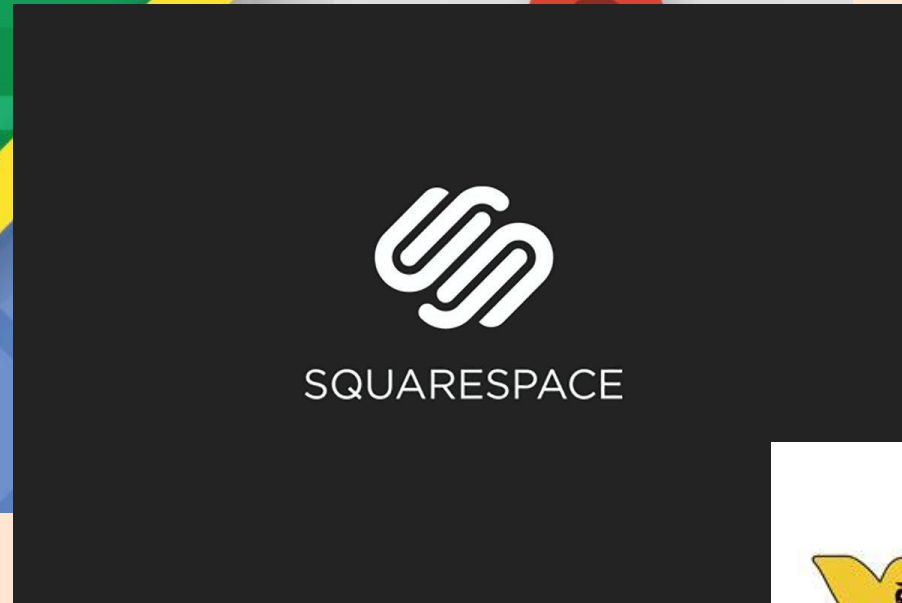


# Ethics of technology usage



We use a mix of open and closed source technology on a day-to-day basis, but what is your ethical reasoning for doing so?

# So why JavaScript and MapLibre instead of....



**It's like learning to cook with only a microwave....**



# For convenience, you ignore

- Ingredients
- Healthiness
- Dependency on the tool

**But most importantly...**

- Why are cooking in the first place!!

# GIS Technologies

Barrier to creating outputs

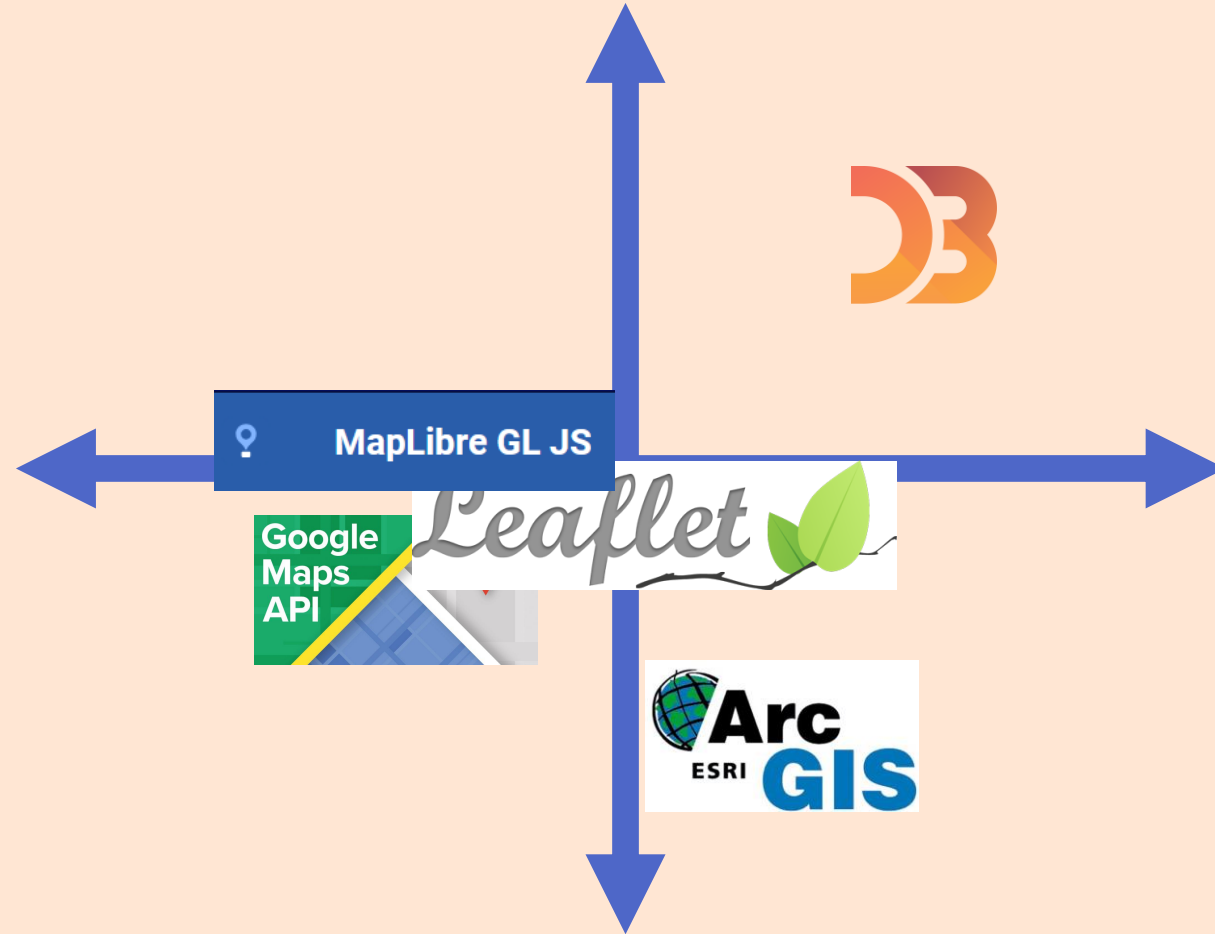
High

Low

Low

High

Barrier to understanding

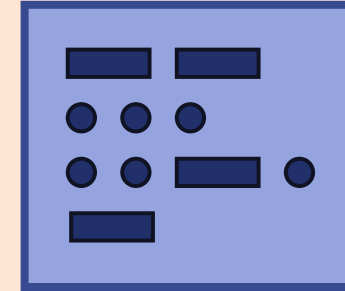




# Open-source vs Closed-Source

```
<html>
  <body>
    hi
  </body>
</html>
```

**VS**



**You can see the code**

**You can never see the code**

**Think about why is this important?**

# Google API Depreciation

Enter a location anywhere in the world

drop marker here

Bishamon 毘

地図種類

View

レイヤー

場所検索

About

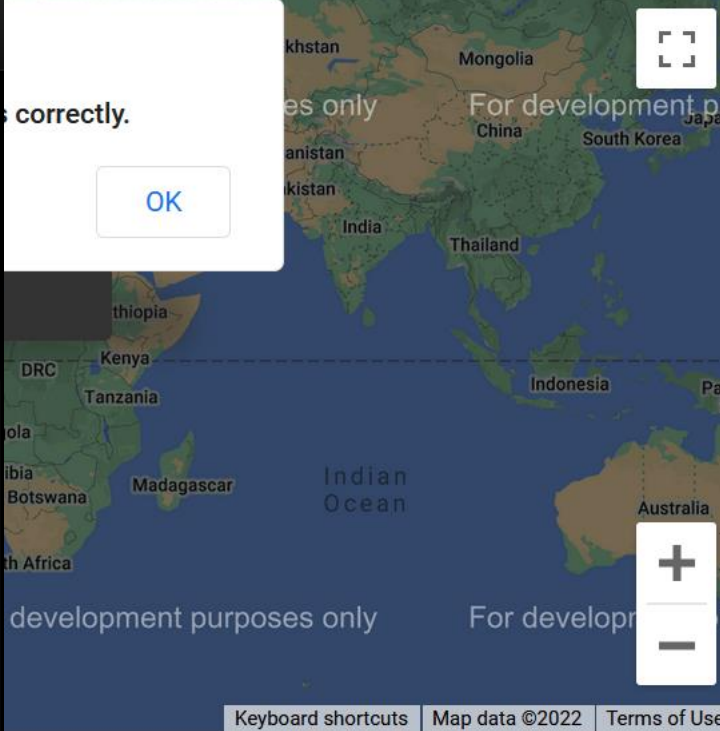


地図上のグリッド（四角のマスの）内の平均線量率を表します。グリッドをクリックすると、そのグリッド内の平均線量率が表示されます。グリッドがない場所では、グリッドがない等の理由により測定できない箇所です。

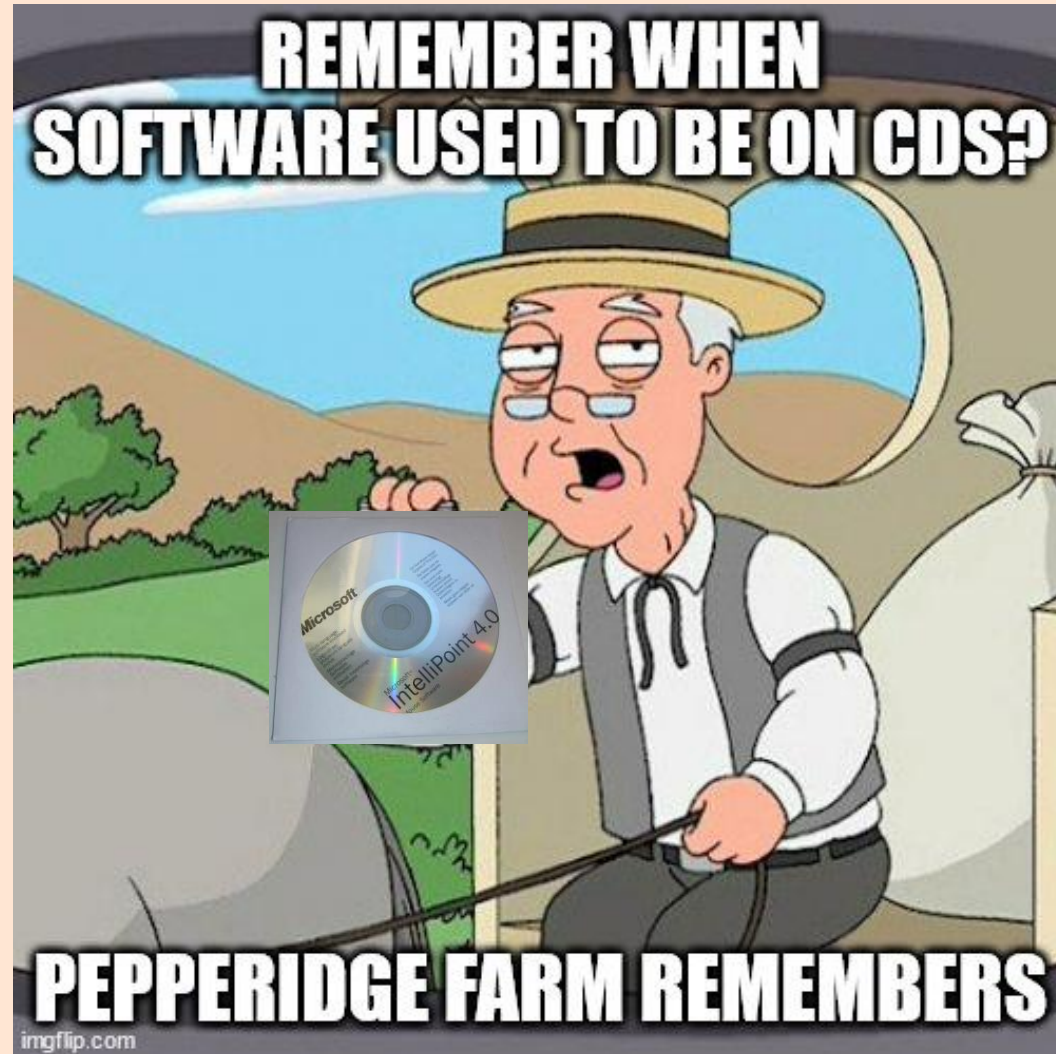
0.0  $\mu\text{Sv/hour}$

is correctly.

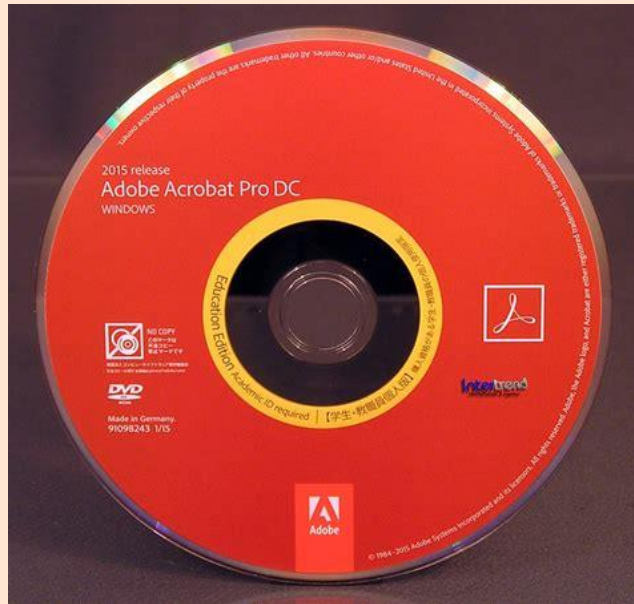
OK



















































# Quick History on software....



# Quick History on software....



 Bruce Momjian	 Joe Conway	 Alvaro Herrera
 Thomas Munro	 Tom Lane	 Andrew Dunstan
 Robert Haas	 Stephen Frost	 Peter Eisentraut
 Amit Kapila	 Peter Geoghegan	 Tomas Vondra
 Andres Freund	 Teodor Sigaev	 Heikki Linnakangas
 Kevin Grittner	 Alexander Korotkov	 Greg Stark
 Michael Paquier	 Jeff Davis	 Magnus Hagander
 Fujii Masao	Michael Meskes	 Tatsuo Ishii
 Etsuro Fujita	Noah Misch	Dean Rasheed

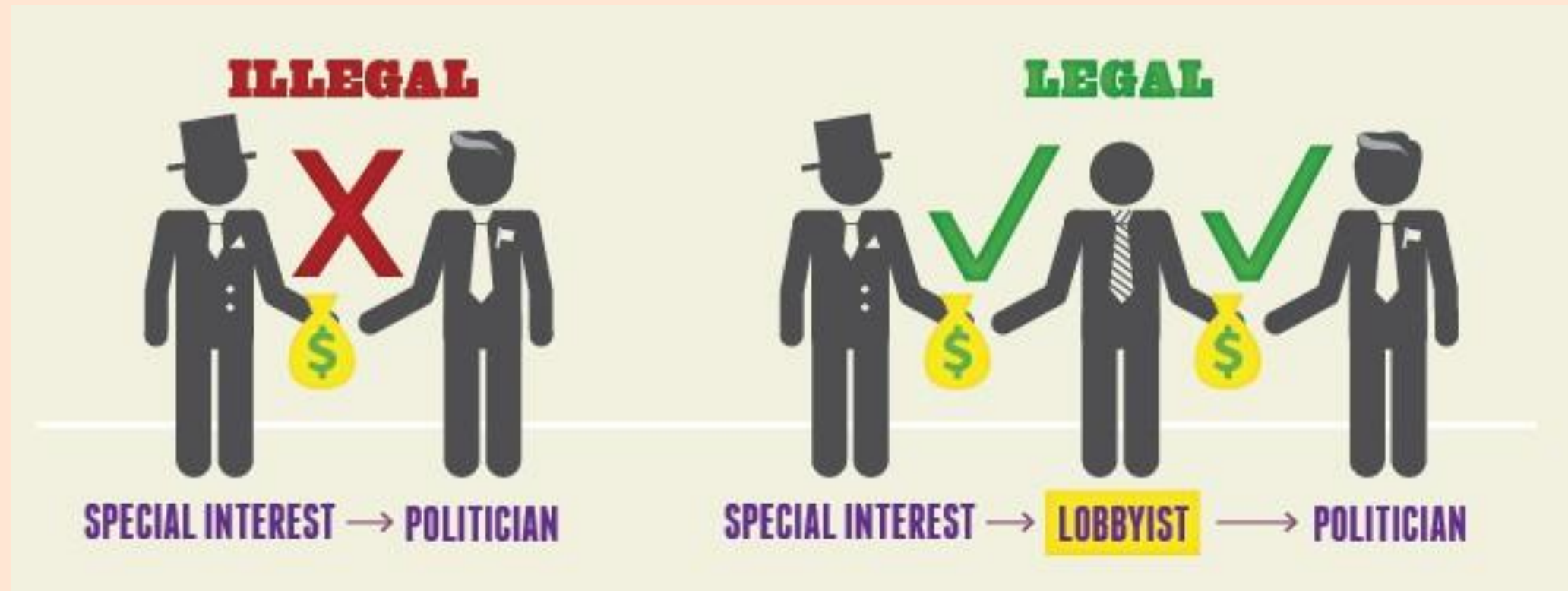
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 Michael Paquier	 Jeff Davis	 Magnus Hagander
 Fujii Masao	Michael Meskes	 Tatsuo Ishii
 Etsuro Fujita	Noah Misch	Dean Rasheed

# Is this fair?



**Tragedy of the commons** – when individuals access a public resource for only their own interest and it depletes.

# Have coporations infiltrated open source?

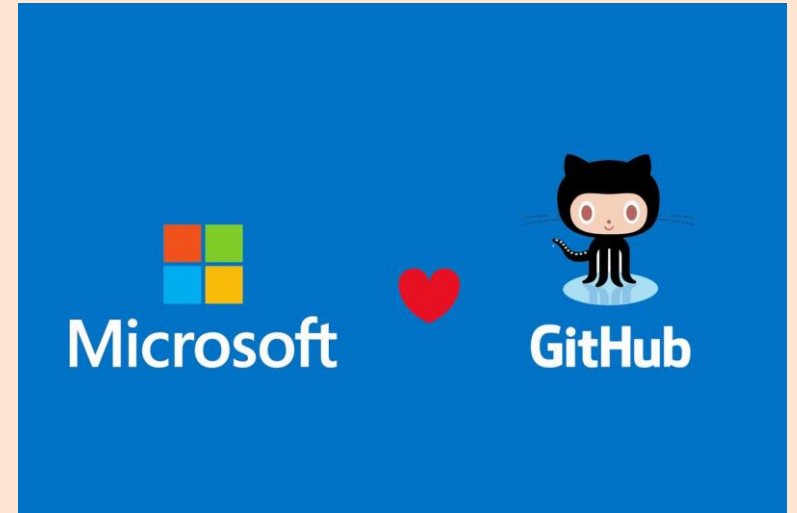




# Have coporations infiltrated open source?

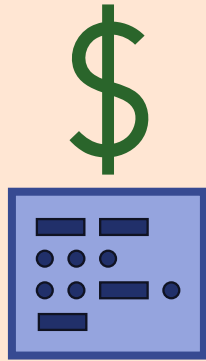


 Google Open Source

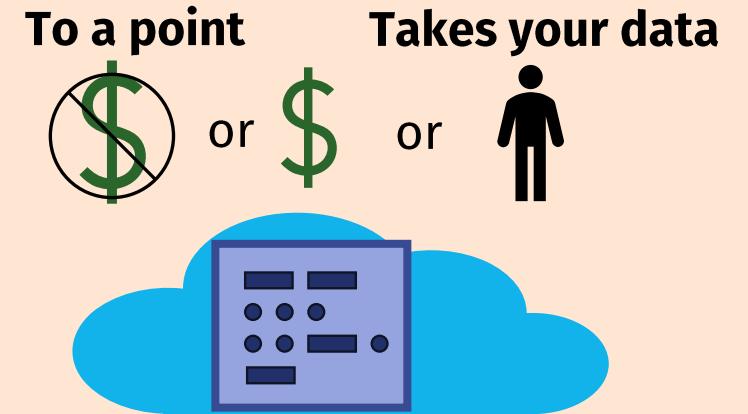


# A summary of Open vs. Close source

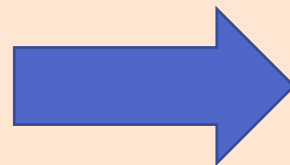
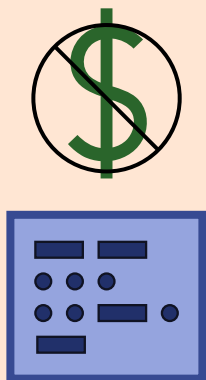
Proprietary Software



Software as a Service



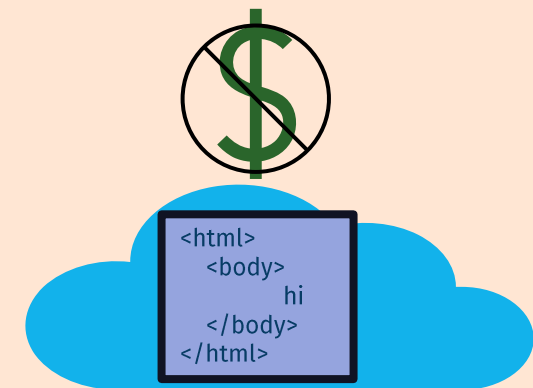
Free software



Open Source Software



Open Software as a Service



## **Open Source**

No costs and long-term  
application viability

**Vs.**

## **Closed Source**

Short-term costs and  
variable application  
viability

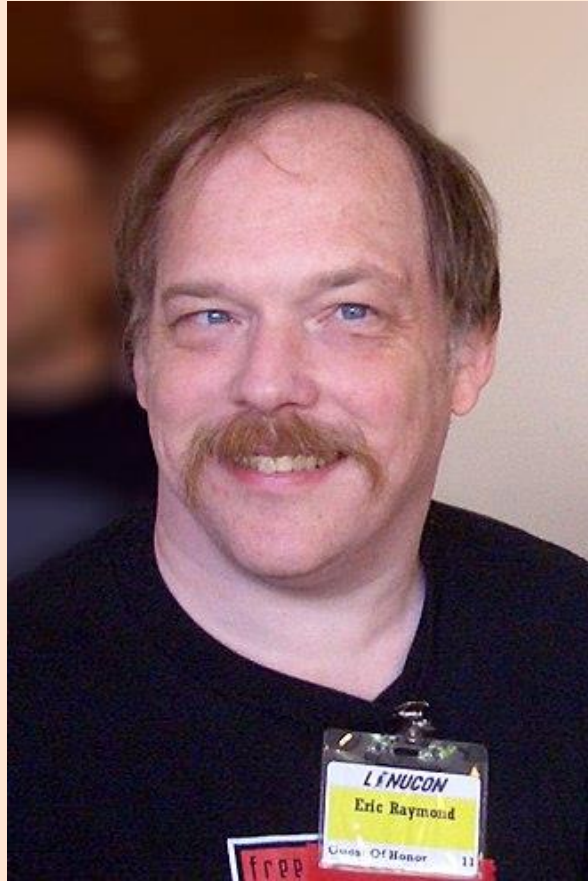
# Cost vs benefits of open source



Are you trying to simply finish an application as fast as possible (microwave-approach) or is it for a long-term purpose?

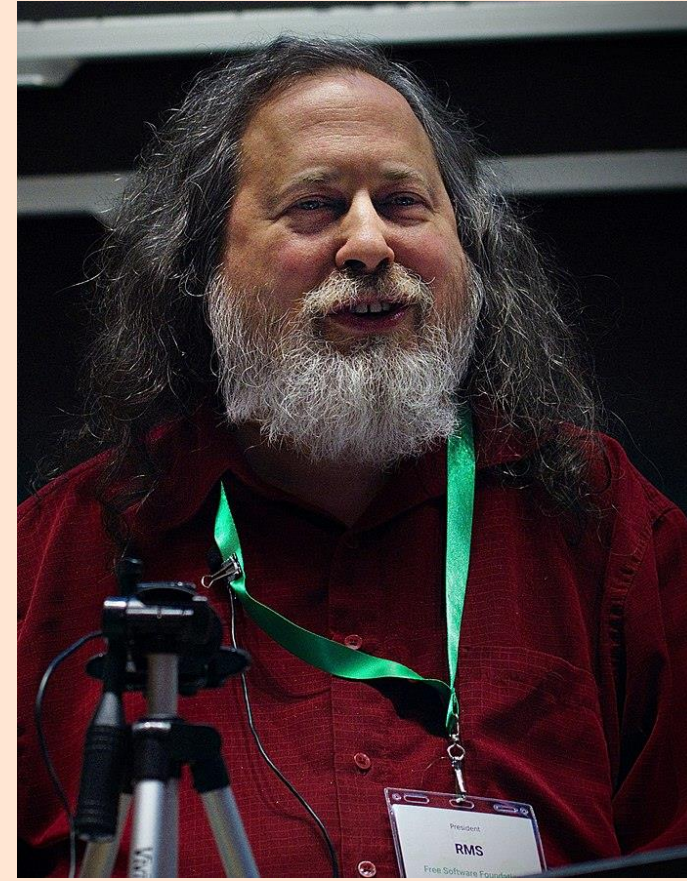
# Issues with open source...

**Eric S. Raymond**



**Founder of Open Source Initiative**

**Richard Stallman**



**Founder of Free and Open Source Foundation**

# Issues with open source...

## Eric S. Raymond

### Co-founder of OSI Banned From Mailing Lists

Written by Sue Gee

Wednesday, 11 March 2020

Eric S Raymond, one of the founders of the Open Source Initiative and its president for the first six years, has been banned from two OSI mailing lists following messages whose tone violated the code of conduct.

<https://www.i-programmer.info/news/136-open-source/13535-co-founder-of-osi-banned-from-.html>

## Richard Stallman

### Return of Stallman to FSF sparks outrage among open-source and free software leaders

Steven J. Vaughan-Nichols · 3/24/2021

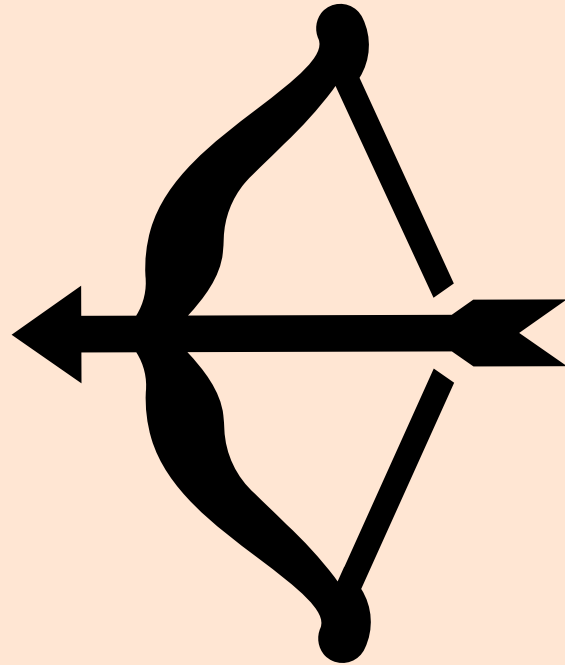


<https://www.msn.com/en-us/news/technology/return-of-stallman-to-fsf-sparks-outrage-among-open-source-and-free-software-leaders/ar-BB1eVPC8>

[http://lists.opensource.org/pipermail/license-discuss\\_lists.opensource.org/2020-February/021328.html](http://lists.opensource.org/pipermail/license-discuss_lists.opensource.org/2020-February/021328.html)

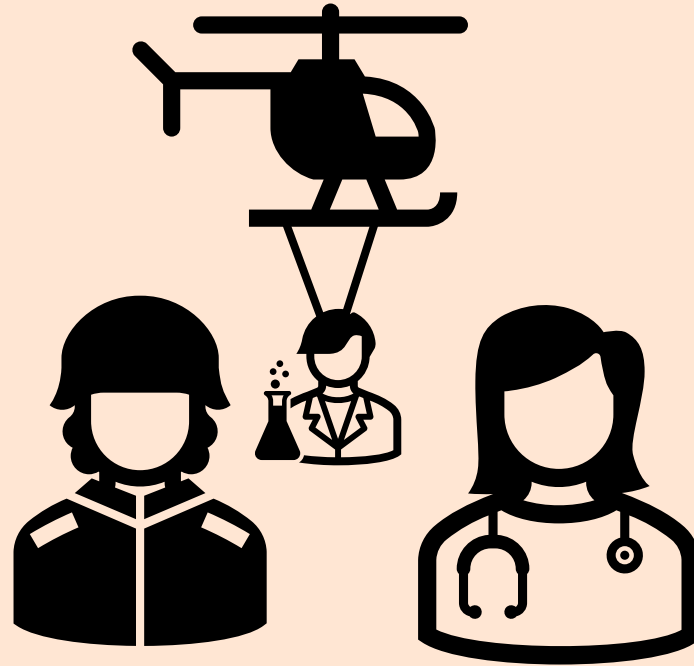
# Issues with open source:

**Detaches technology from ethics and treats it as “neutral”**



“Weapons aren’t bad, it’s up to the user.”

# What is an alternative to open source?



Hint: It's related to ethics!



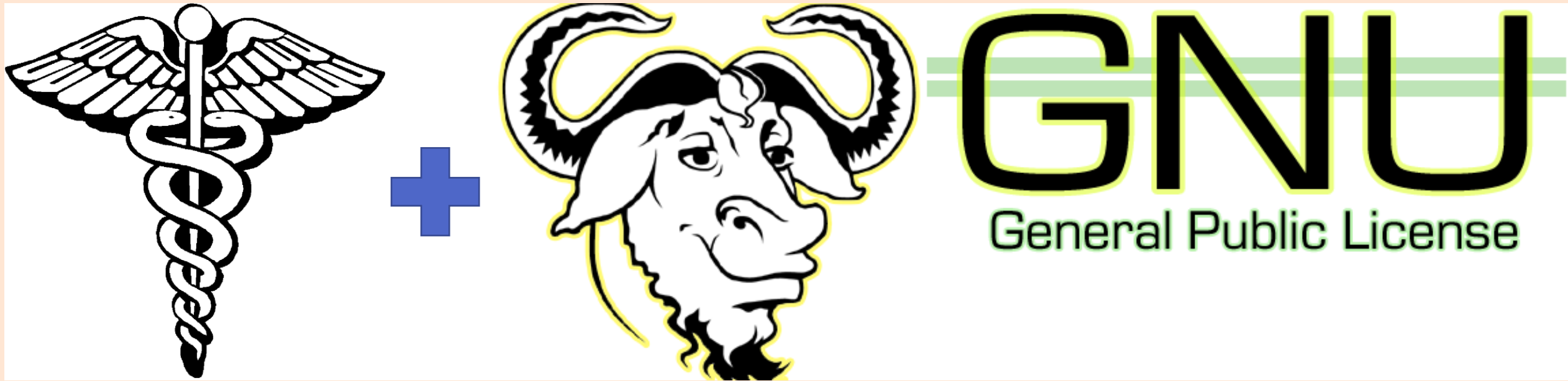
# Ethical Source Licensing



**Established in 2019**

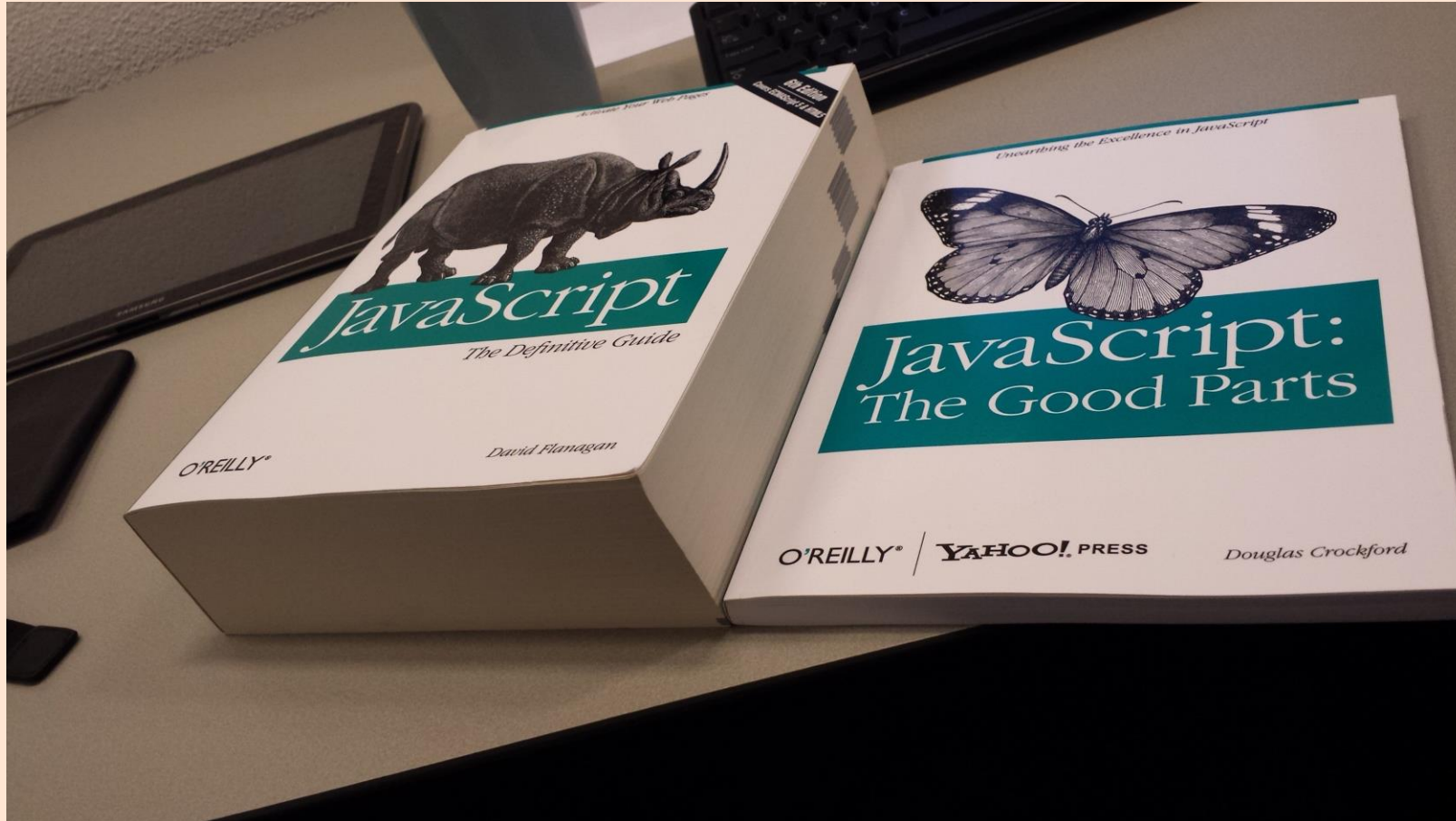
<https://ethicalsource.dev/>

# What is Ethical Source Licensing?



Hippocratic Oath for Software Usage and Licensing:  
**Thou shall not do harm with this software.**

# Mapping this back to maps and coding



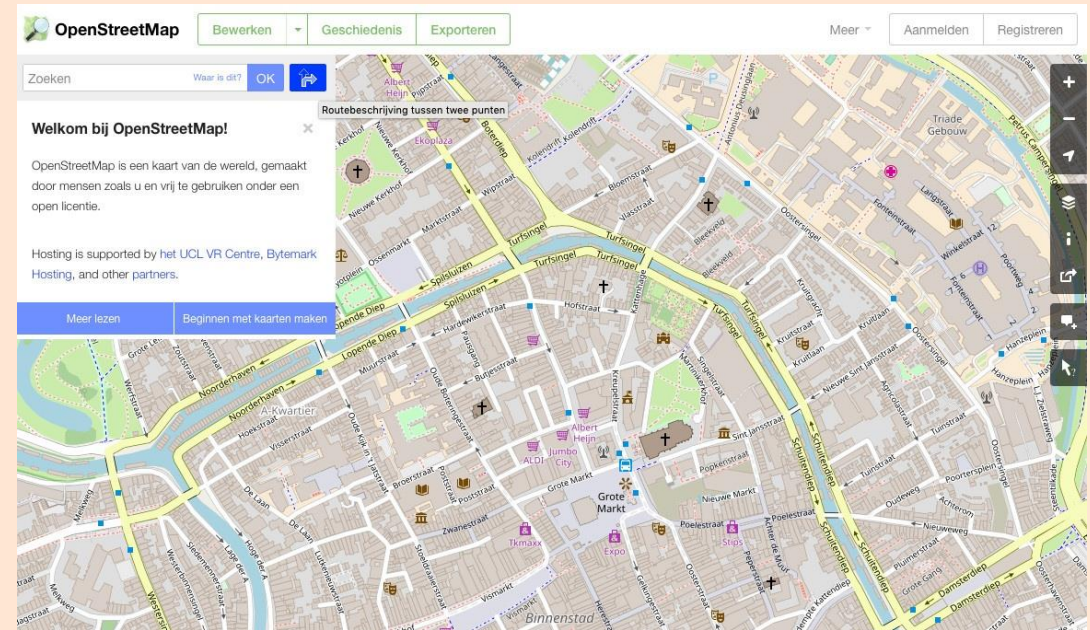
We have the ability to make web maps, but we need to think about the ethical implications of **any** technology.

# Mapping this back to maps and coding

## Google Maps

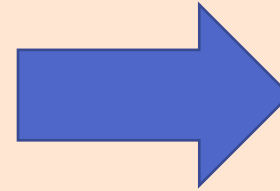


## Open Street Map




Would you contribute data willingly to Google Maps?  
What are you giving up/gaining between using  
Google Maps vs. Open Street Map?

# Example: Geocoding



Name: **Los Angeles, CA,USA**  
Country: **United States**  
Layer: **Locality**  
Lon.: **-118.25703**  
Lat.: **34.05513**

# Leaflet and MapLibre vs. Google Maps (again)



## Leaflet Control Geocoder

npm v2.2.0 Leaflet 1.0.0 ✓

A simple geocoder for Leaflet that by default uses OSM/Nominatim.

The plugin supports many different data providers:

- LatLng to parse basic latitude/longitude strings
- [OSM/Nominatim](#)
- [Bing Locations API](#)
- [Google Geocoding API](#)
- [Mapbox Geocoding](#)

☰ MapLibre GL JS ⚙️

### Geocode with Nominatim

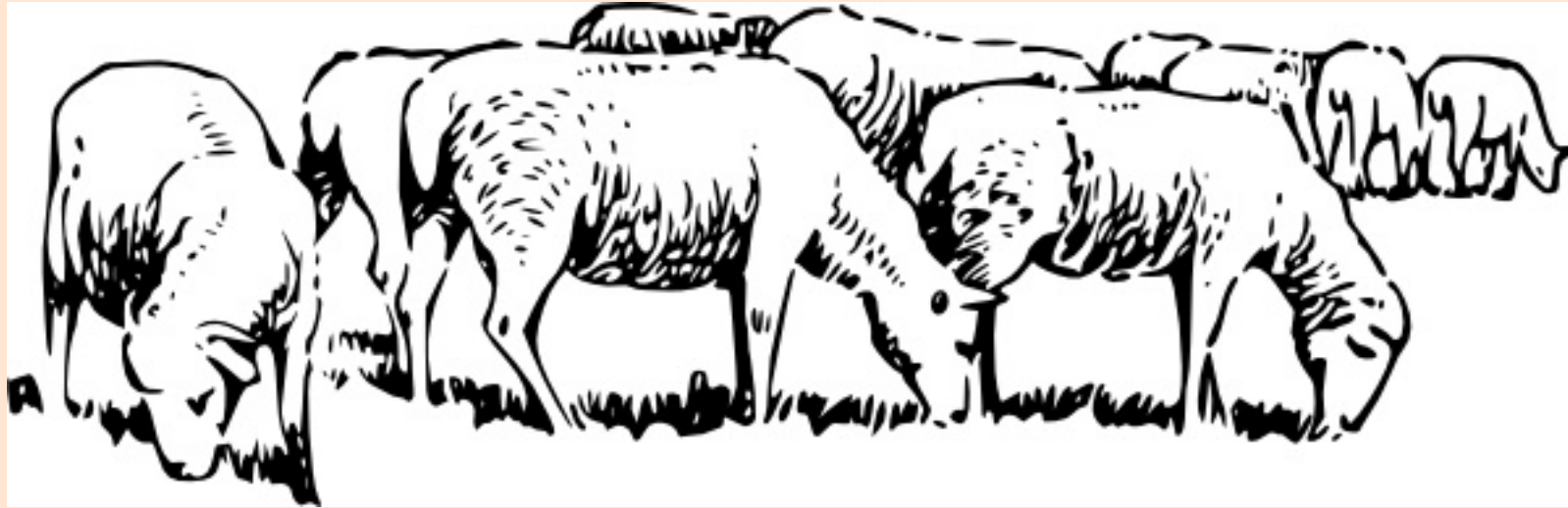
Geocode with Nominatim and the maplibre-gl-geocoder plugin.

### Google Maps Platform APIs by Platform

MAPS	ROUTES	PLACES
Static Maps Display maps as images		FREE FOR MOBILE   \$2 PER 1000 REQUESTS
Dynamic Maps Display interactive, customizable maps		FREE FOR MOBILE   \$7 PER 1000 REQUESTS
Local Context Map (Beta) Provide detailed information on nearby places directly on your maps - including user ratings, reviews, photos, pricing, ETA and walking directions		FREE DURING BETA   Requires enabling Dynamic Maps - \$7 CPM
Static Street View Display a non-interactive Google Street View 360 panoramic or thumbnail image		\$7 PER 1000 REQUESTS
Dynamic Street View Display an interactive Google Street View 360 panoramic or thumbnail image		\$14 PER 1000 REQUESTS



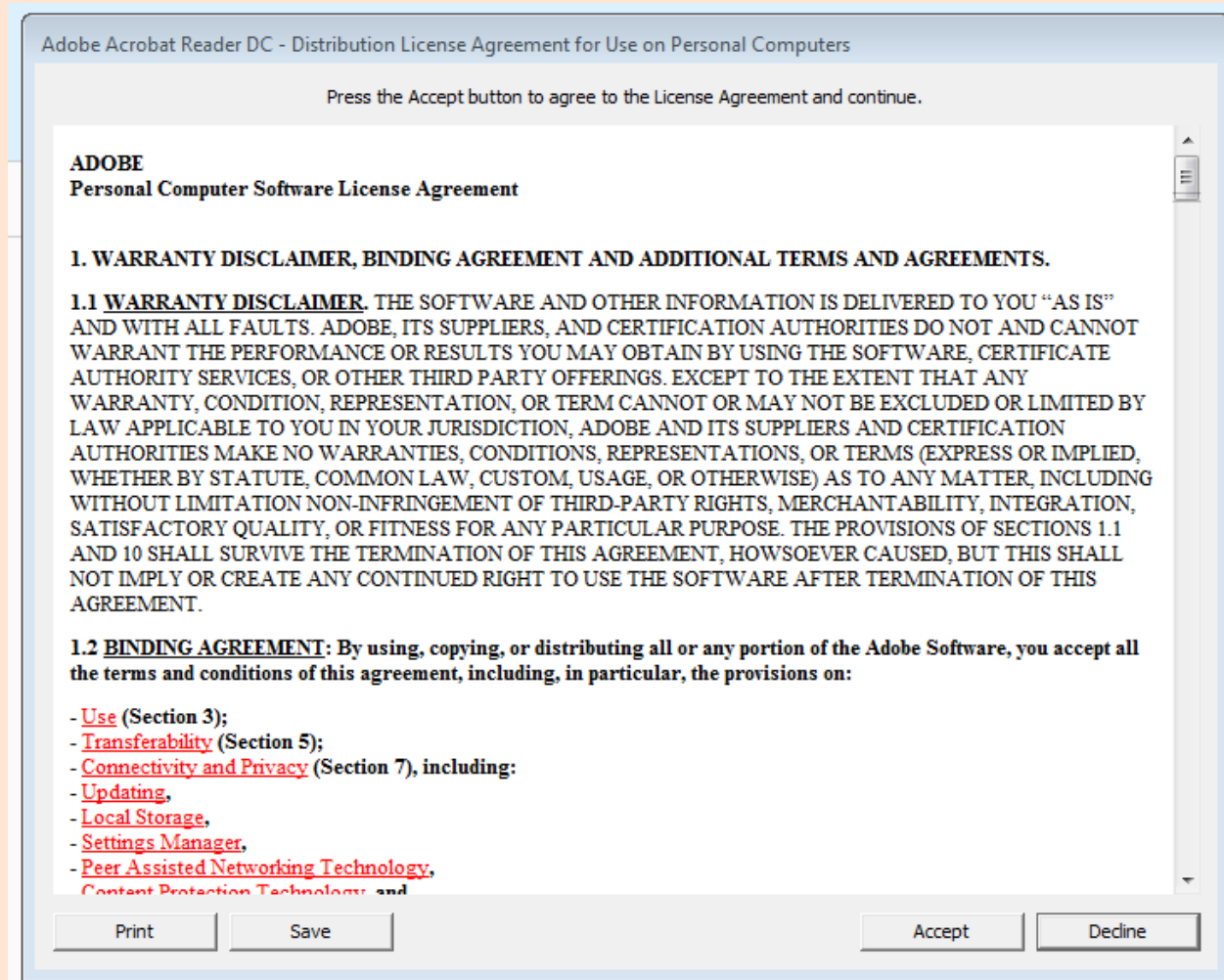
# Public data is now the commodity



Governments used to be closed with their data, but even with more “open data,” the private sector capitalizes on it.



# Data Privacy



Who reads this?! Let's just accept in order to move forward!

# Welcome to iCloud

---

THIS LEGAL AGREEMENT BETWEEN YOU AND APPLE GOVERNS YOUR USE OF THE iCloud PRODUCT, SOFTWARE, SERVICES, AND WEBSITES (COLLECTIVELY REFERRED TO AS THE "SERVICE"). IT IS IMPORTANT THAT YOU READ AND UNDERSTAND THE FOLLOWING TERMS. BY CLICKING "AGREE," YOU ARE AGREEING THAT THESE TERMS WILL APPLY IF YOU CHOOSE TO ACCESS OR USE THE SERVICE.

Apple is the provider of the Service, which permits you to utilize certain Internet services, including storing your personal content (such as contacts, calendars, photos, notes, reminders, documents, app data, and iCloud email) and making it accessible on your compatible devices and computers, and certain location based services, only under the terms and conditions set forth in this Agreement. iCloud is automatically enabled when you are running devices on iOS 9 or later and sign in with your Apple ID during device setup, unless you are upgrading the device and have previously chosen not to enable iCloud. You can disable iCloud in Settings. When iCloud is enabled, your content will be automatically sent to and stored by Apple, so you can later access that content or have content wirelessly pushed to your other iCloud-enabled devices or computers.

## **I. REQUIREMENTS FOR USE OF THE SERVICE**

# Your data is now the commodity



With terms and conditions, your data can be given up for free or traded for convenience.

# How far will you (Pokemon) Go to protect your private data?

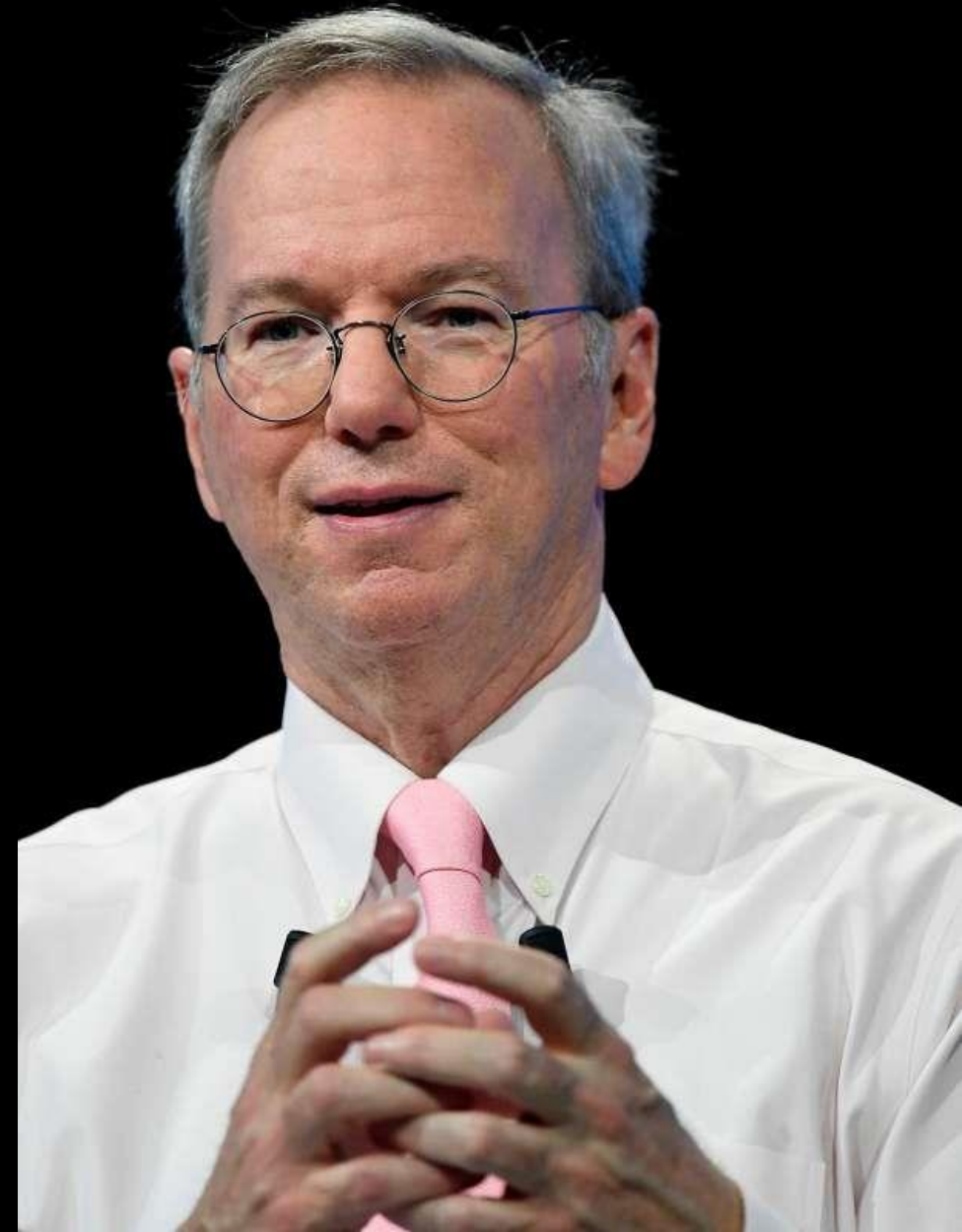


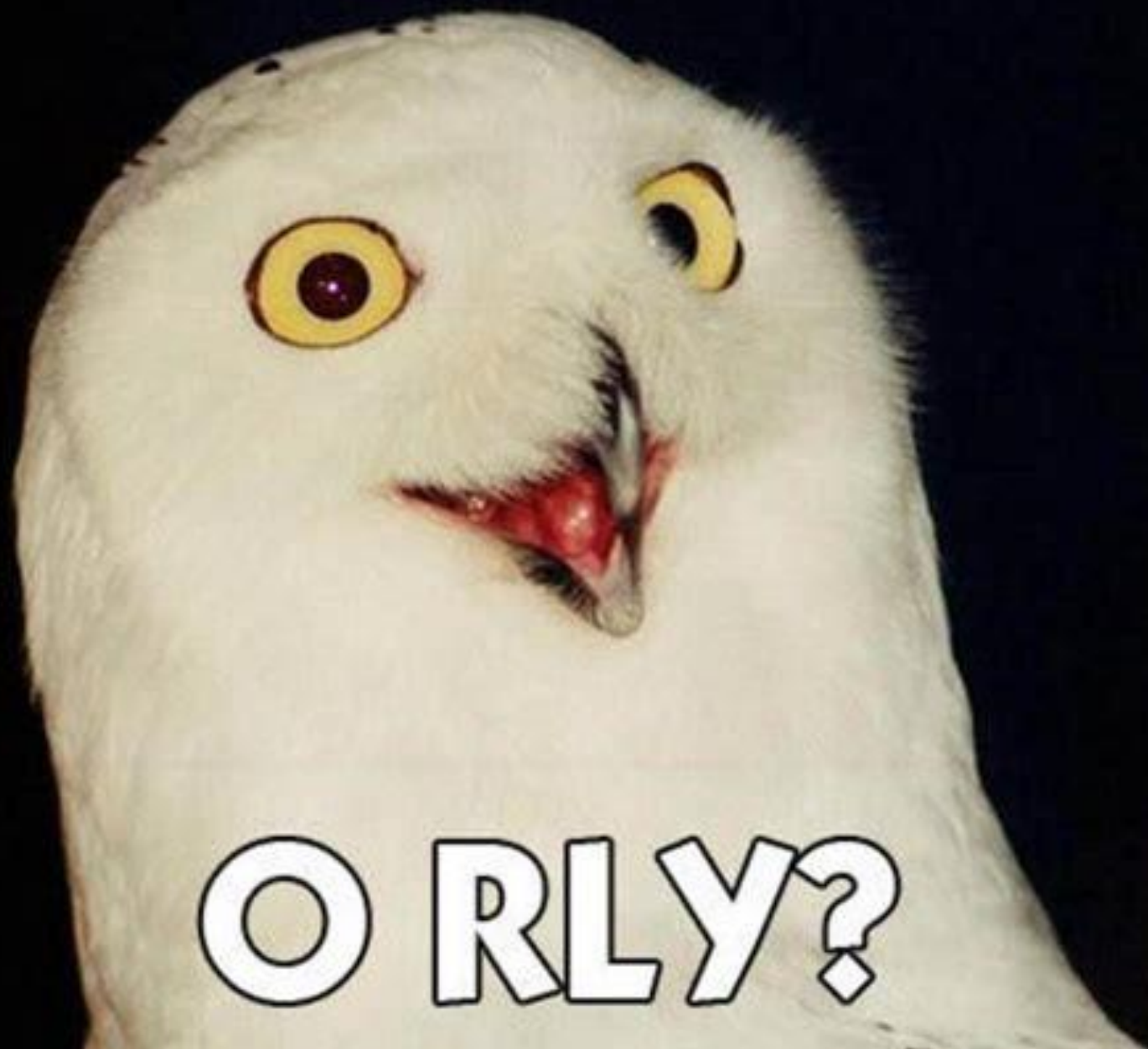
Your location data and patterns in exchange for... fun?

# Google

“If you’re doing something you don’t want anyone to know, maybe you shouldn’t be doing it in the first place.”

- Eric Schmidt, Former Google CEO





© RLY?

# Google in 2020

SECURITY

## Google faces \$5 billion lawsuit in U.S. for tracking 'private' internet use

Google “cannot continue to engage in the covert and unauthorized data collection from virtually every American with a computer or phone,” the complaint said.

June 2, 2020, 3:50 PM PDT / Updated June 3, 2020, 5:00 AM PDT

**By Reuters**

<https://www.nbcnews.com/tech/security/google-sued-u-s-tracking-users-private-internet-browsing-n1222676>

# Google in 2021



NEWS

REVIEWS

HOW-TOS

VIDEOS

DEALS ▾

PRICE GUIDES ▾

APPLE A-Z ▾

MORE ▾

## Google fails to end 'private browsing' snooping lawsuit



By *Malcolm Owen* | Mar 13, 2021


<https://appleinsider.com/articles/21/03/13/google-fails-to-end-private-browsing-snooping-lawsuit>








# Google in 2023

PICTURES | THU MAR 30, 2023 | 6:28PM EDT

## US court sanctions Google in privacy case, company's second legal setback in days



1/1

FILE PHOTO: The logo of Google LLC is seen at a Google Store in New York City, U.S., January 20, 2023. REUTERS/Shannon Stapleton/File Photo

<https://www.reuters.com/news/picture/us-court-sanctions-google-in-privacy-cas-idUSKBN2VW1Z2>

# Google in 2024

**Bloomberg**

**Google's Antitrust Crisis:** What's at Stake | Epic's Big Win | \$700 Million Google Play Deal | The Epic

Politics

## Google Ad Tech Antitrust Suit Will Go to Trial, Judge Rules

- Judge rejects request to decide case before September trial
- Justice Department alleges monopoly over advertising tech

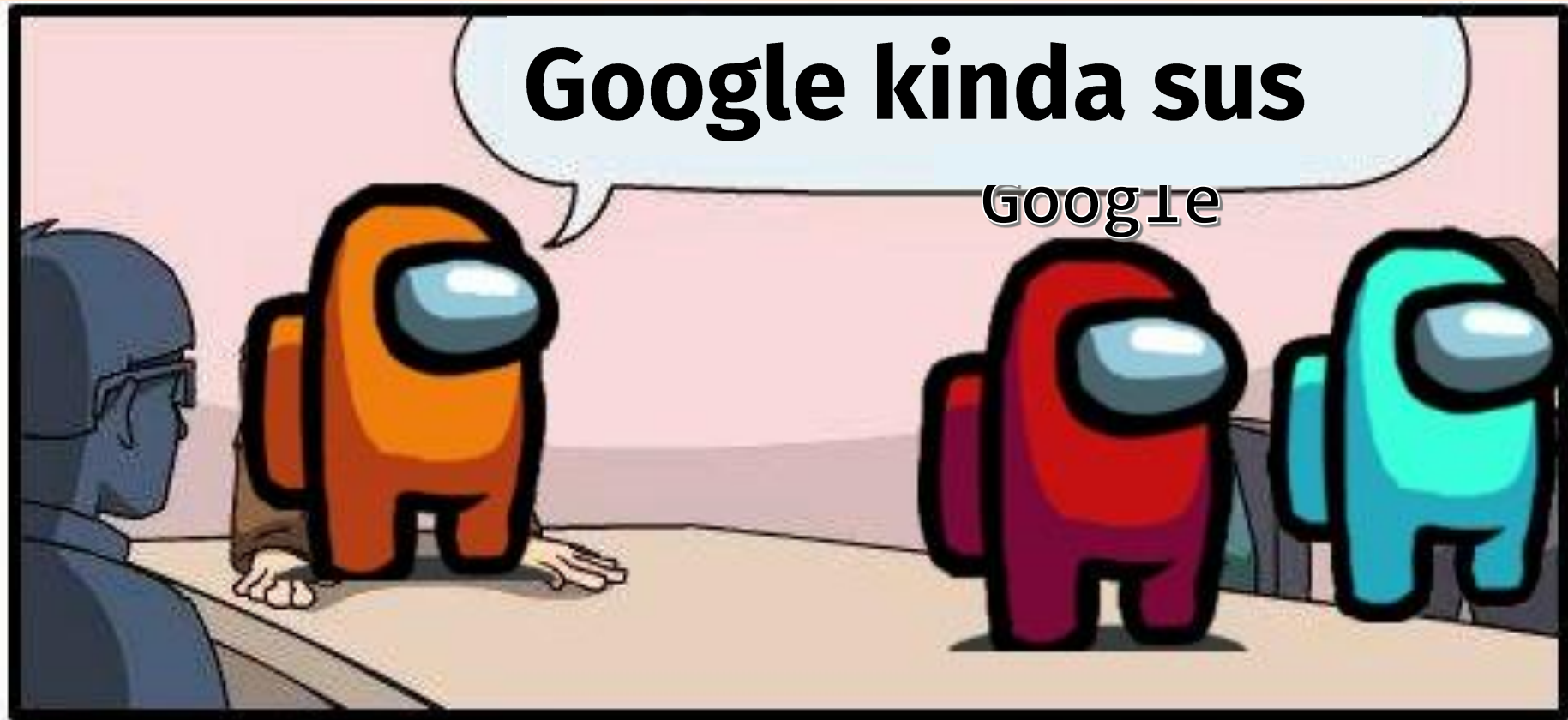


By [Leah Nylén](#)

June 14, 2024 at 9:08 AM PDT

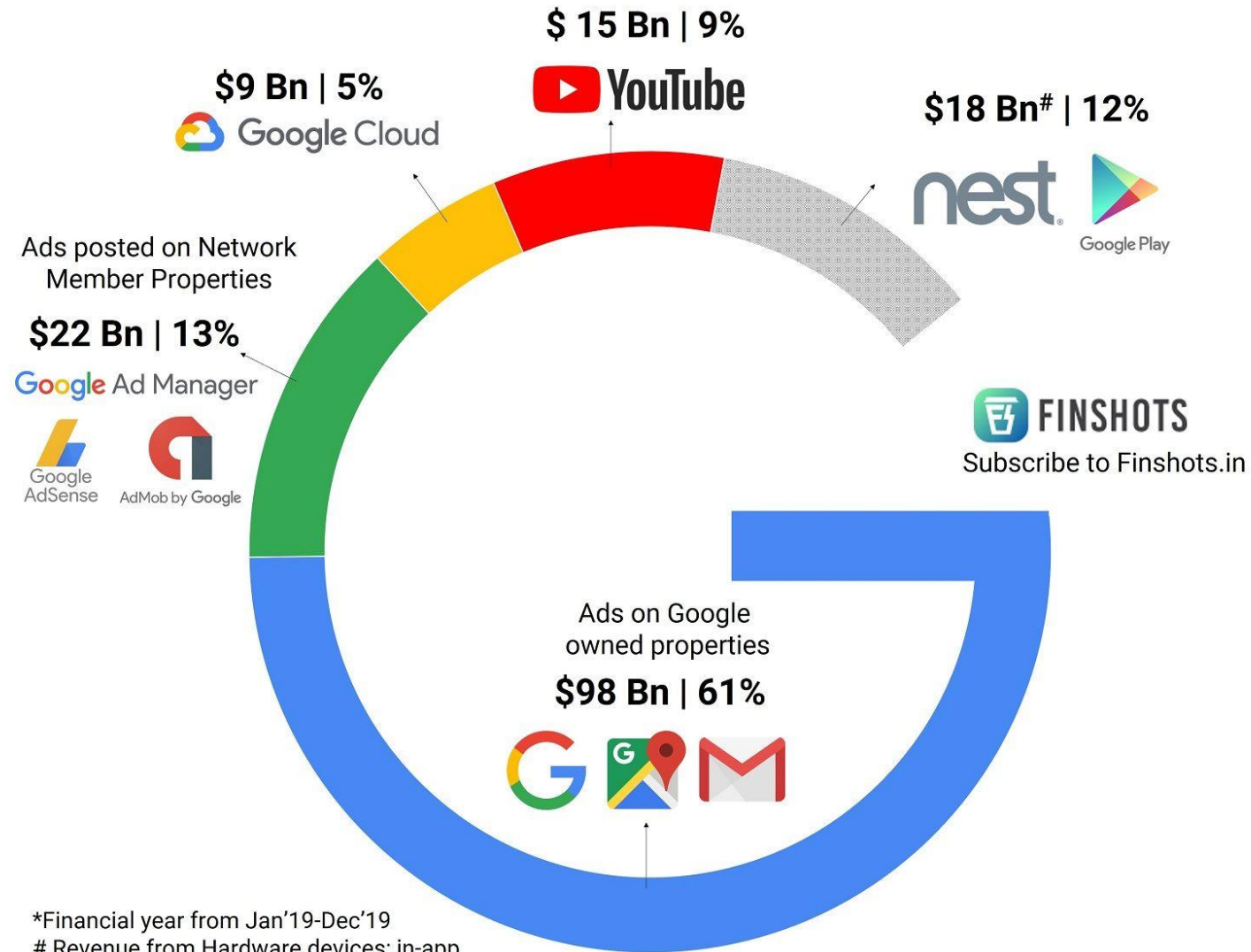
<https://www.bloomberg.com/news/articles/2024-06-14/google-ad-tech-antitrust-suit-will-go-to-trial-judge-rules>

# How important are Ads to Google?



# BREAKING DOWN REVENUE STREAMS OF GOOGLE (ALPHABET)

Total Revenues: \$162 Bn



\*Financial year from Jan'19-Dec'19  
# Revenue from Hardware devices; in-app purchases & digital content on Play Store; Misc revenues.

# THE TERM PAPER

You can skip to  
video in 5



Ad · 0:43  [grammarly.com](https://www.grammarly.com) 

0:01 / 0:43



# How important are Ads to Google in 2021?

## Google Is Testing Its Controversial New Ad Targeting Tech in Millions of Browsers. Here's What We Know.

BY BENNETT CYPHERS | MARCH 30, 2021

**FloC = Unblockable cookies. Yay!**



**Your browser does not have FloC enabled.**

The FloC origin trial only affects Google Chrome versions 89 and above.

<https://www.eff.org/deeplinks/2021/03/google-testing-its-controversial-new-ad-targeting-tech-millions-browsers-heres>

# How important are Ads to Google in 2022?

## Google abandons FLoC, introduces Topics API to replace tracking cookies



/ Google's new concept assigns users five interests per week based on web activity

By **EMMA ROTH**

Updated Jan 25, 2022, 11:45 AM PST |  0 Comments / 0 New




<https://www.theverge.com/2022/1/25/22900567/google-floc-abandon-topics-api-cookies-tracking>

# How important are Ads to Google in 2023?

## Shot down: Google's grand fancy plan for pro-privacy targeted ads

W3C's techies have a few choice words for the Chocolate Factory

 [Thomas Claburn](#)

Wed 18 Jan 2023 // 02:01 UTC

Google's plan to reinvent ad targeting for the postponed post-cookie era has again been complicated by privacy concerns.

After the Chocolate Factory's Federated Learning of Cohorts (FLoC) proposal for delivering interest-based ads in a privacy-preserving way turned out to have less privacy than the package's ingredient list suggested, the ad biz reworked the technology and rebranded it Topics.


[https://www.theregister.com/2023/01/18/google\\_topics\\_api/](https://www.theregister.com/2023/01/18/google_topics_api/)



# Google trying to end Ad Blockers

## Ad blockers struggle under Chrome's new rules

As deadline for mandatory code rewrite approaches, Manifest v3 still looks like a step backward

 [Thomas Claburn](#)

Thu 8 Sep 2022 // 10:28 UTC

**ANALYSIS** Next year, Chrome browser extensions – such as ad blockers and other privacy tools – will stop working if they are reliant on an API called Manifest v2 (MV2).

So far, when these extensions are rewritten to work with Chrome's new Manifest v3 (MV3) API, you tend to end up with hobbled software that doesn't work as well.

[https://www.theregister.com/2022/09/08/ad\\_blockers\\_chrome\\_manifest\\_v3/](https://www.theregister.com/2022/09/08/ad_blockers_chrome_manifest_v3/)

# How about in 2024?

## Google's Manifest V3 will make the fight against third-party adblockers even worse

Opinion By Allisa James published June 20, 2024

Manifest V3 makes it all clear



<https://www.techradar.com/computing/chrome/googles-manifest-v3-will-make-the-fight-against-third-party-adblockers-even-worse>

# Outfoxing Google with Firefox

gorhill / uBlock

<> Code ⓘ Issues 47 🔗 Pull requests ▶ Actions 📁 Projects 📖 Wiki ⓘ Security 📄 Insights

## uBlock Origin works best on Firefox

Raymond Hill edited this page 3 days ago · 5 revisions

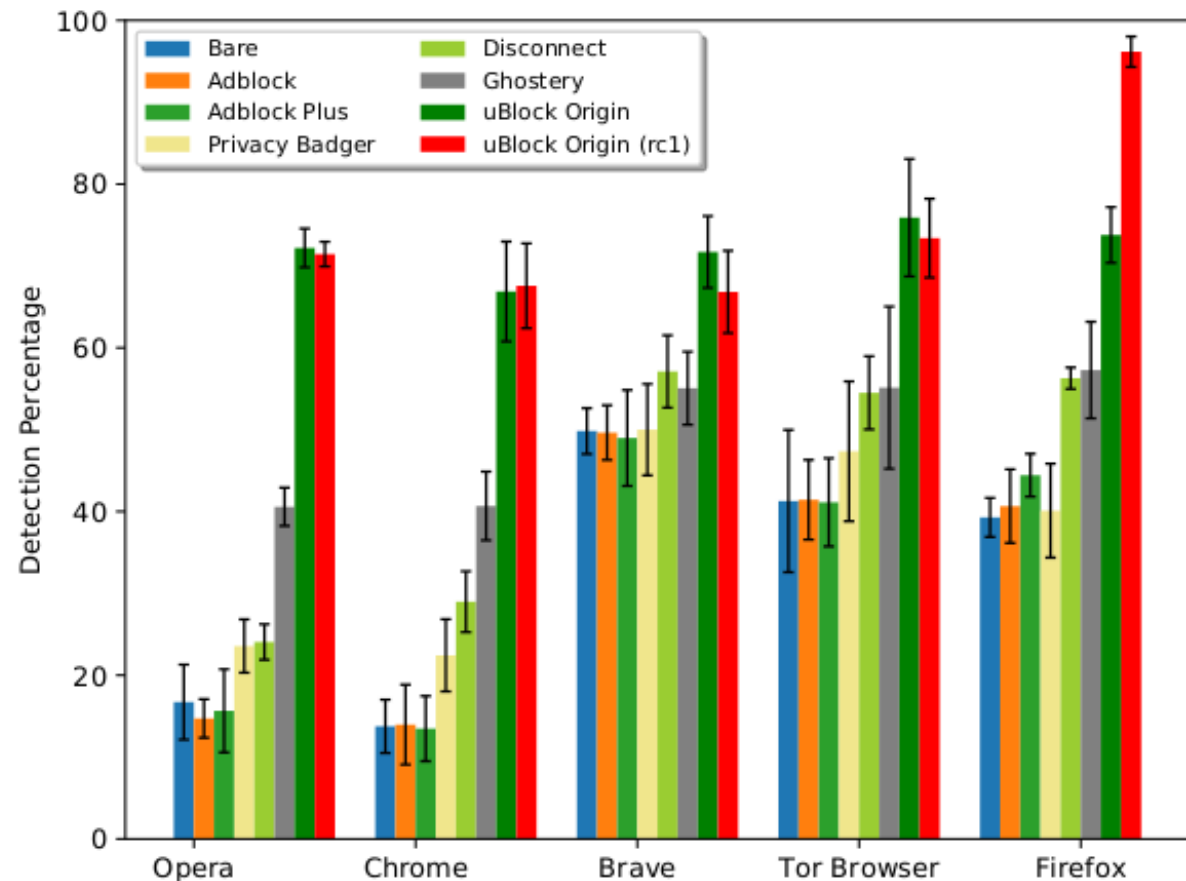
This document explains why uBO works best in Firefox.

### CNAME-uncloaking

Ability to uncloak 3rd-party servers disguised as 1st-party through the use of [CNAME record](#). The effect of this is to make uBO on Firefox the most efficient at blocking 3rd-party trackers relative to other other browser/blocker pairs:

The dark green/red bars are uBO before/after it gained ability to uncloak CNAMEs on Firefox.

Source: "[Characterizing CNAME Cloaking-Based Tracking on the Web](#)" at Asia Pacific Network Information Centre, August 2020.



<https://github.com/gorhill/uBlock/wiki/uBlock-Origin-works-best-on-Firefox>

# Beyond just ads

## Google's Gemini AI caught scanning Google Drive hosted PDF files without permission — user complains feature can't be disabled

News

By Christopher Harper published yesterday

Kevin Bankston, a Senior Advisor on AI Governance, discusses this concerning Google Gemini behavior.

<https://www.tomshardware.com/tech-industry/artificial-intelligence/gemini-ai-caught-scanning-google-drive-hosted-pdf-files-without-permission-user-complains-feature-cant-be-disabled>

# Beyond just ads



The screenshot shows the top portion of a news article on The Register website. The header is red with white text and icons. On the left, there is a user icon and the text 'SIGN IN / UP'. In the center is the 'The Register' logo. On the right, there is a search icon and a menu icon. Below the header, the word 'APPLICATIONS' is displayed in bold black text. To its right, the number '46' is shown with a comment icon, and a red underline is visible under the number. The main headline is in large, bold black text. Below the headline is a sub-headline in a smaller, regular black font. At the bottom left of the article preview, there is a small red icon followed by the author's name 'Brandon Vigliarolo'. At the bottom right, the date and time 'Fri 12 Jul 2024 // 10:28 UTC' are displayed.

 SIGN IN / UP

**The Register**®

**APPLICATIONS** 46 

**Google can totally explain why Chromium browsers quietly tell only its websites about your CPU, GPU usage**

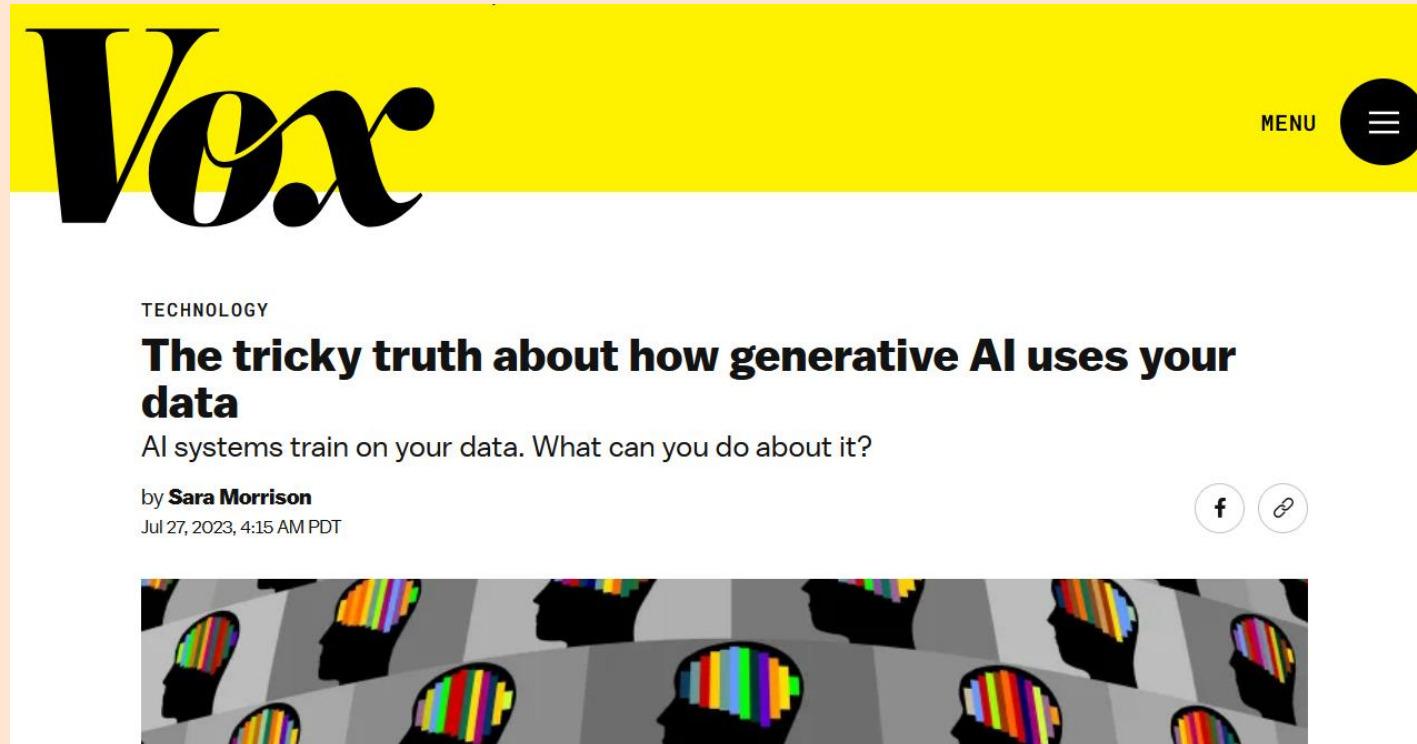
OK, now tell us why this isn't an EU DMA violation – asking for a friend in Brussels

 [Brandon Vigliarolo](#)

Fri 12 Jul 2024 // 10:28 UTC

[https://www.theregister.com/2024/07/12/chromium\\_api\\_system\\_information/](https://www.theregister.com/2024/07/12/chromium_api_system_information/)

# Why??



**Vox**

MENU

TECHNOLOGY


## The tricky truth about how generative AI uses your data

AI systems train on your data. What can you do about it?

by **Sara Morrison**  
Jul 27, 2023, 4:15 AM PDT

f

🔗



<https://www.vox.com/technology/2023/7/27/23808499/ai-openai-google-meta-data-privacy-nope>

# Google is not alone.

**The Observer**  
Facebook

Another huge data breach, another stony  
silence from Facebook

*Carole Cadwalladr*



Sun 11 Apr 2021 03.45  
EDT

The social media giant is still a law unto itself. Can anybody  
hold it to account?

# Google is not alone.

Meta is planning to use your Facebook and Instagram posts to train AI - and not everyone can opt out

Facebook and Instagram users in the UK and the European Union may soon see their posts used to train artificial intelligence.

By Mickey Carroll, science and technology reporter

<https://news.sky.com/story/meta-is-planning-to-use-your-facebook-and-instagram-posts-to-train-ai-and-not-everyone-can-opt-out-13158655>



# Google is not alone.



The image is a screenshot of an NPR news article. At the top left, there is a hamburger menu icon and the NPR logo. At the top right, there is a red button with a white heart icon and the word "DONATE". Below the navigation bar, the word "BUSINESS" is written in a small, grey font. The main headline is "AT&T says hackers stole 2022 call and text data from 'nearly all' cell customers" in a large, bold, black font. Below the headline, the date and time "JULY 12, 2024 · 9:17 AM ET" are displayed in a smaller, grey font. Below the date, the author's name "By Rachel Treisman" is written in a smaller, grey font. The main image of the article is a blue rectangle featuring the AT&T globe logo on the left and a black silhouette of a person's head and shoulders on the right.

<https://www.npr.org/2024/07/12/nx-s1-5037736/att-data-breach-call-text-records>

# Privacy should be a right.

**“Arguing that you don’t care about the right to privacy because you have nothing to hide is no different than saying you don’t care about free speech because you have nothing to say.”**

**-Edward Snowden**

[https://www.mic.com/articles/188563/  
who-cares-i-have-nothing-to-hide-  
why-the-popular-response-to-online-  
privacy-is-so-flawed](https://www.mic.com/articles/188563/who-cares-i-have-nothing-to-hide-why-the-popular-response-to-online-privacy-is-so-flawed)



# As should the right to **public** information



**“What are the differences between Mark Zuckerberg and me? I give private information on corporations to you for free, and I’m a villain.**

**Zuckerberg gives your private information to corporations for money and he’s Man of the Year.”**

**Julian Assange**

# Consider

**Would you trade in all your passwords in order to use Facebook?**

**How about handing your phone off to a stranger?**

**Who decides what is “right” and “wrong”?**

We shouldn't force those in our surveys to agree all of those without their consent or “on accident.”

# **So, why is this important?**

**We will be working with people.**

**Working with civil society, there is a non-verbal contract based in the tool that you choose.**

**Helps us to think of ways to take control of data back towards community ownership**

# Why is this important?

**Think what is being collected and how it could be misused or commodified:**

- **Images**
- **Video**
- **Words**
- **Names**
- **Addresses**

# Open Source and Open Data in Summary

- ✓ **Think about what information can be helpful for community members/local organizations**
- ✓ **Teach and give ownership to local people (Tech included)**
- ⊘ **Extract information without assessing safety and privacy**
- ⊘ **Use any tool available because it's "easy"**

# Open Source and Open Data



Try to use tools and data that **empowers** instead of commodifies **people**. (Including yourself!!!)



# Ethical Software and Developing for Civil Society

---

Wrap-up

Lecture

Wrap-up

Group Time

# Thinking Cap for the week:

**What do you think about design justice? Would open-source projects benefit from considering it? How might you apply Design Justice in your designs going forward?**

# Assignments

**Due Wednesday 7/17:**

- 1. Lab Assignment #3**
- 2. Pre-Lab reading**

# Seunghee Cho

---

Visiting Voice

**Lecture**

**Visiting Voice**

**Group Time**

# Seunghee Cho



Seunghee Cho is a regional Sourcing Specialist at [TomTom](#) and a volunteer with the [UN Smart Maps initiative](#). She has also led mapathon events and is an active part of the [OpenStreetMap](#) community in Korea.

# Designing Community Focused Surveys

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Survey Lecture

Logistics

Lecture

Survey Lecture

# **Designing Community Focused Surveys**

**Let the community speak for itself.**

**We should not be making any “conclusions”**

# Main points



1. Test your survey!



2. We are here to listen and empower **NOT** take information and leave.



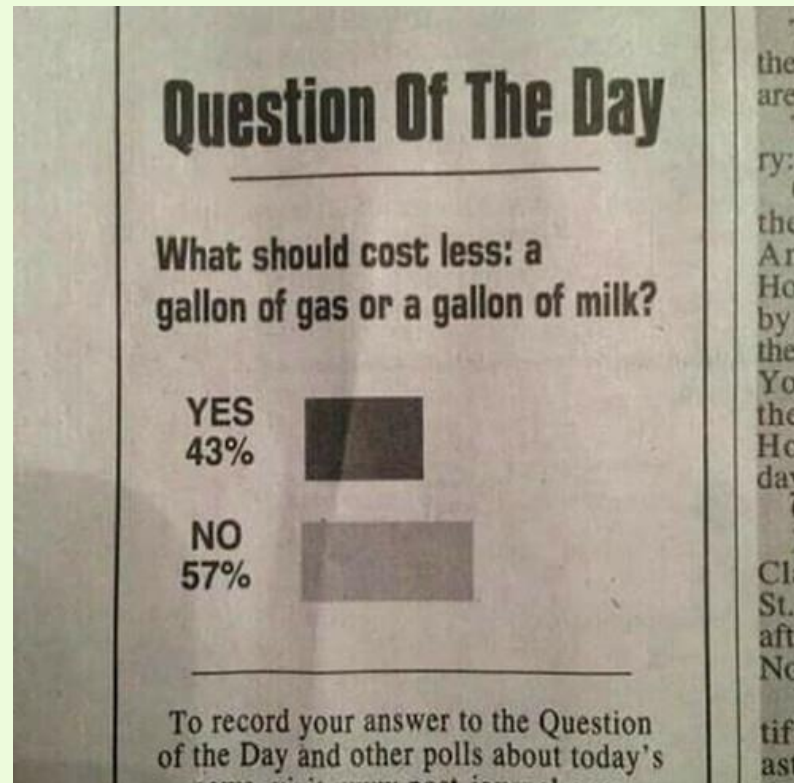
3. Acknowledge and try to avoid as much bias as possible



4. Keep it short.



# #1 Reason why you should test your survey....



**Respecting the community.**

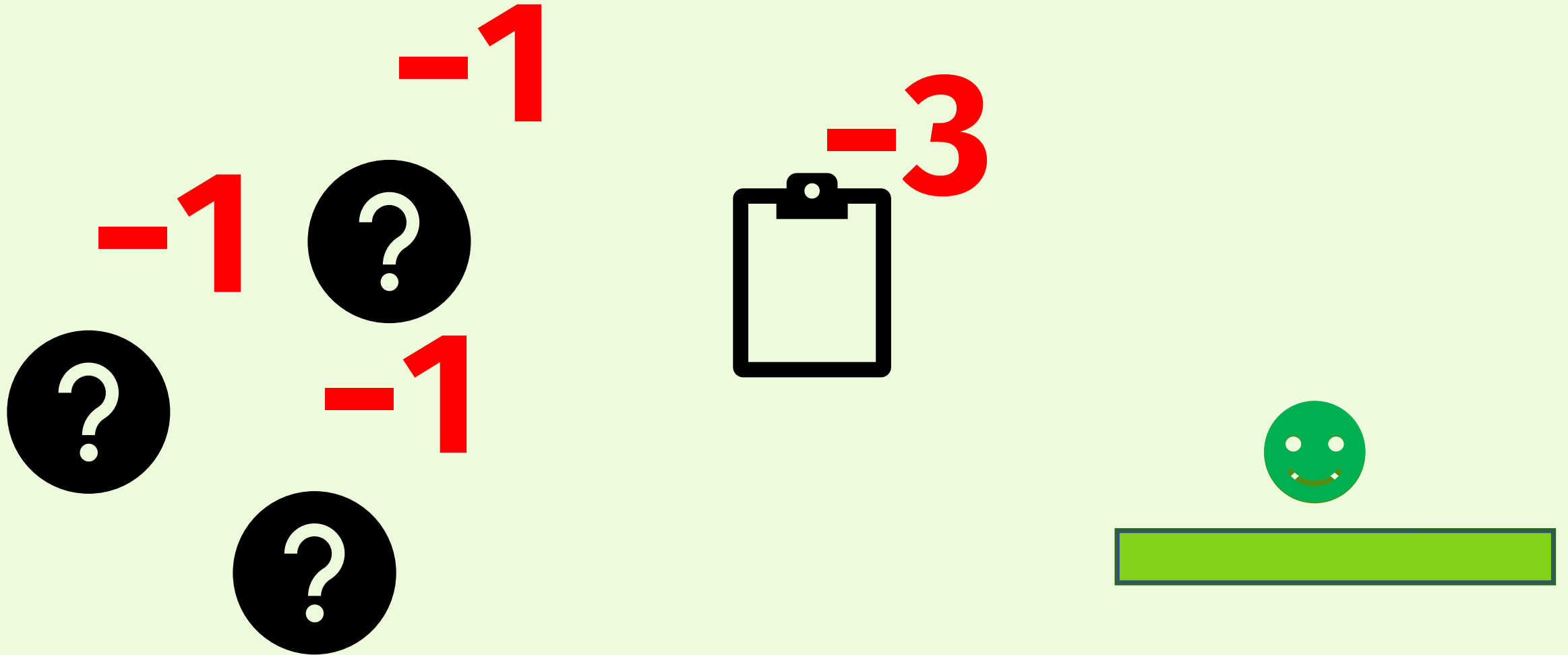
# Checking for respect

- Each question **MUST** have an important purpose
- If a question is not necessary, **DO NOT** ask it because it would be “nice to know”.
- Less is more.
- Remember: Each question takes someone’s time
- Remember: Each survey to contributes to survey fatigue

WHAT IS **SURVEY**  
**FATIGUE?**



# A note about survey fatigue



# A note about survey fatigue

The UCLA logo consists of the letters "UCLA" in white, bold, sans-serif font, centered within a solid blue rectangular background.

## UCLA COVID-19 Symptom Monitoring and Vaccination Verification System

For the **COVID-19** daily symptom monitor, select which form you need to access, and then click the arrow button to continue.

UCLA Staff or UCLA Faculty

UCLA Student or UCLA Student Employee

UCLA Extension Student

# A note about survey fatigue

English

You have indicated you are working at a UCLA site in a full time or hybrid fashion.

Do you need to update your status?

Yes

No



# A note about survey fatigue

English



The system confirmed that you are Up-to-date with COVID-19 vaccines.

Would you like to complete the daily Symptom Monitor questions today?

Yes - I need to gain clearance to enter a UCLA site today.

No - I am done and do not need to enter a UCLA site today.



# A note about survey fatigue

Please click ALL REGIONS that you will visit today:

(If you are unsure where your building is located, click all of the regions where you think it is located. Otherwise, your building will not show in the lists on the next page.)

If your location is OUTSIDE of this map, but you still will be at a UCLA site, select REGION M.





# **A note about survey fatigue**

Every survey taken reduces the chance the same person will take a survey in the future.

**Make your survey pleasant and meaningful for everyone, another chance may not come.**

**#2 - We are hear 2 listen**

# **How** we listen is important

- Access to internet may be limited
- Language barriers
- Dependent on networking
- Limits to the above could create skewed responses

# **How** we listen is important

- Focus on open-ended questions.
- Do not “lead” (i.e. try to get a specific answer) in questions both open-ended and closed.
- If you must include **closed-ended**, do not have:
  - Tons of options
  - Long options

# **Example about language barriers**



## The COVID-19 vaccine is here. And everyone in California will get a turn.

Safe, free, and effective COVID-19 vaccines are now available to everyone age 16 and up. Let's end this pandemic. Check for available appointments and book your vaccination as soon as you can.

### Just follow these easy steps:

Answer a few questions, choose a location, then select a date & time.

If no appointments are available in your area, register and we'll notify you when more appointments open up.

Select language

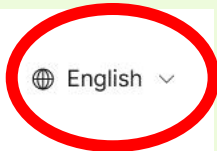
English

Find an appointment

**Exhibit A.**





City of Los Angeles



# Los Angeles COVID-19 Vaccine Registration

Pick your group and book an appointment

 Choose your group 

[Book Appointment](#)




[Frequently Asked Questions](#)



**Need assistance booking an appointment?**  
¿Necesita ayuda para reservar una cita?

[Learn More](#)  
[Aprende más](#)

PHASES WE'RE CURRENTLY VACCINATING

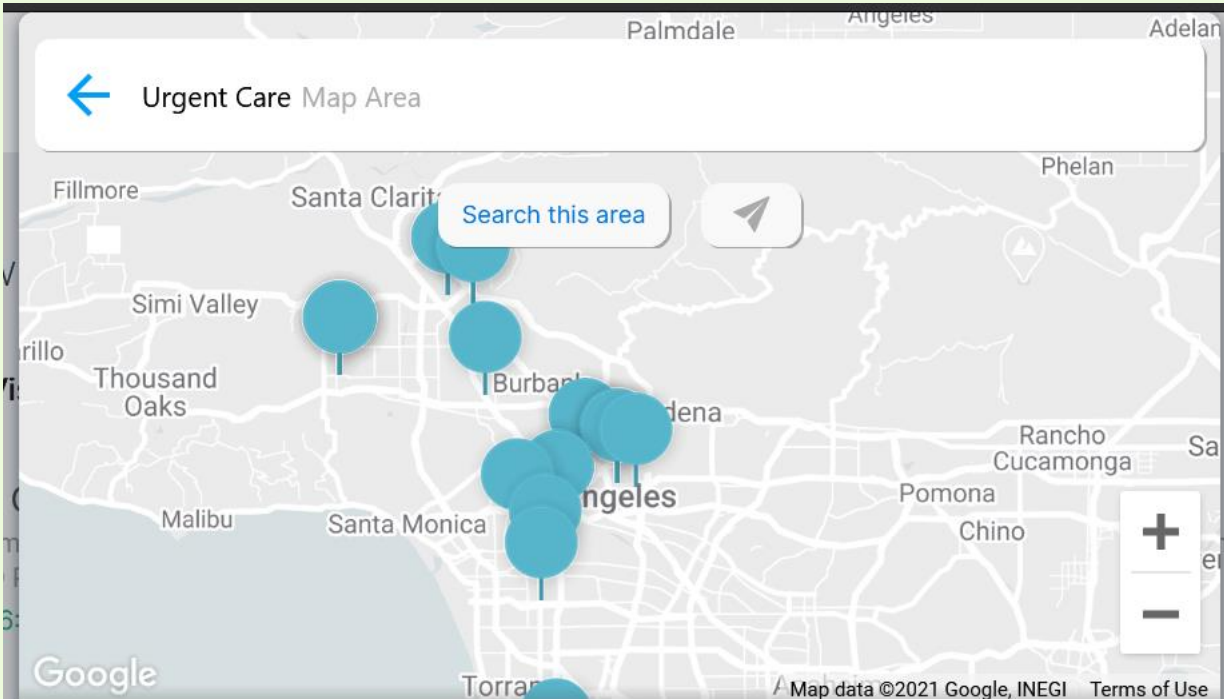
- Phase 1A 
- Phase 1B 
- Health condition or disability 

Need more information on current vaccine eligibility? [Learn More.](#)

**Exhibit B.**


Urgent Care Map Area


Search this area



Google

Map data ©2021 Google, INEGI Terms of Use

- 


1. Cal State LA - Pfizer - Park & Walk - LAFD  
5151 State University Dr  
Los Angeles, CA 90032  
Next: [Tomorrow at 8:30 am](#)
- 

2. Hansen - Janssen J&J (Age 18+) - Drive-Thru - LAFD  
10965 Dronfield Ave  
Los Angeles, CA 91331



# COVID-19 vaccine sites

Find out where to get a vaccine if you're eligible. Keep checking for appointments. New locations will be added as they're available. If you need a second dose, contact the location where you got your first dose. [Learn more.](#)


 You must be eligible in order to get vaccinated. [See eligibility criteria](#)

Showing 71 results


## CVS Store #05131

This site often has Pfizer, the only vaccine available for people age 16 and 17. People under 18 need to be accompanied by a parent or guardian to be vaccinated. Please confirm that they will have Pfizer when you book.

 [1900 19th Avenue, San Francisco](#)

 Languages spoken  
English

 Access  
Walk-thru


 Appointments available as of April 19, 2021, 3:56 am


[Book an appointment](#)

Or call [800-746-7287](#)

## Filters


- Only show sites open to the general public
- Only show sites with confirmed availability
- Wheelchair accessible

Any language 

Drive-thru or walk-thru 

Apply

Exhibit C.



## The COVID-19 vaccine is here. And everyone in California will get a turn.

Safe, free, and effective COVID-19 vaccines are now available to everyone age 16 and up. Let's end this pandemic. Check for available appointments and book your vaccination as soon as you can.

**Just follow these easy steps:**


Answer a few questions, choose a location, then select a date & time.

If no appointments are available in your area, register and we'll notify you when more appointments open up.

Select language

English

[Find an appointment](#)



Services Departments Search

## COVID-19 vaccine sites

Find out where to get a vaccine if you're eligible. Keep checking for appointments. New locations will be added as they're available. If you need a second dose, contact the location where you got your first dose. [Learn more.](#)

**You must be eligible in order to get vaccinated. [See eligibility criteria](#)**

Showing 71 results

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This site often has Pfizer, the only vaccine available for people age 16 and 17. People under 18 need to be accompanied by a parent or guardian to be vaccinated. Please confirm that they will have Pfizer when you book.

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Or call 800-746-7287

**Filters**

Only show sites open to the general public


Only show sites with confirmed availability

Wheelchair accessible

Any language

Drive-thru or walk-thru

[Apply](#)



City of Los Angeles English

## Los Angeles COVID-19 Vaccine Registration

Pick your group and book an appointment

Choose your group

[Book Appointment](#) [Frequently Asked Questions](#)

**Need assistance booking an appointment?** [Learn More](#)  
¿Necesita ayuda para reservar una cita? [Aprende más](#)

PHASES WE'RE CURRENTLY VACCINATING

Phase 1A Phase 1B Health condition or disability

Need more information on current vaccine eligibility? [Learn More](#)

# COVID-19 Vaccination Sites

**Doing better**



# STOP AAPI HATE

Our communities stand united against racism. Hate against Asian American Pacific Islander communities has risen during the COVID-19 pandemic.

**Together, we can stop it.**

**ACT NOW**



**Report a hate incident in:**

Select language

**Note: Google Forms vs. Microsoft Forms**

## 아시아계 미국인 증오 범죄 보고서

\* Required

사건은 어디 있었습니까 \*

Your answer

당신은 아시아입니까? \*

아시아 사람

아시아 아님

Other:

언제 발생 했습니까

MM DD YYYY

/ /

## 아시아계 미국인 증오 범죄 보고서

\* 필수

1. 사건은 어디 있었습니까

답변을 입력하세요.

2. 당신은 아시아입니까? \*

아시아 사람

아시아 아님

기타

3. 언제 발생 했습니까

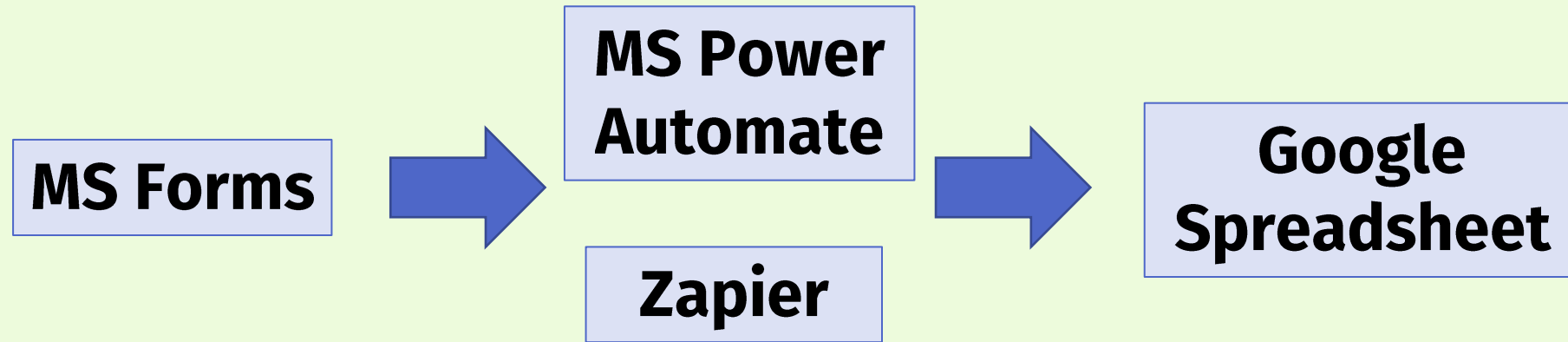
M/d/yyyy 형식으로 날짜를 입력하세요.



<https://forms.gle/JdNNm5vRYWuieaGLA>

<https://tinyurl.com/5xe5t7h3>

# Microsoft Forms still requires connecting to Google Spreadsheet

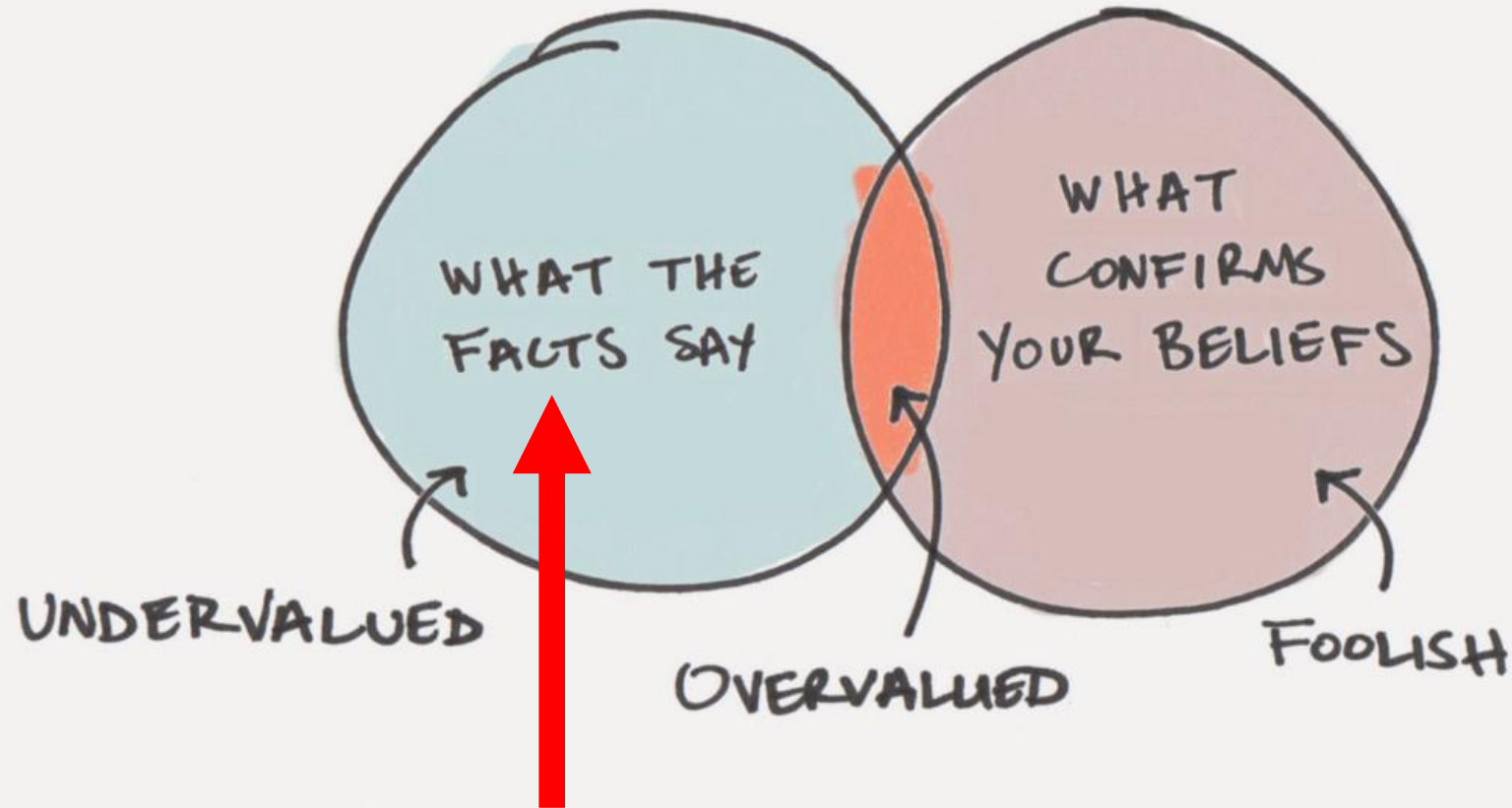


So while it's better for multi-language but more complicated to set up for what we'll be doing.

# **#3 Minimizing Bias**

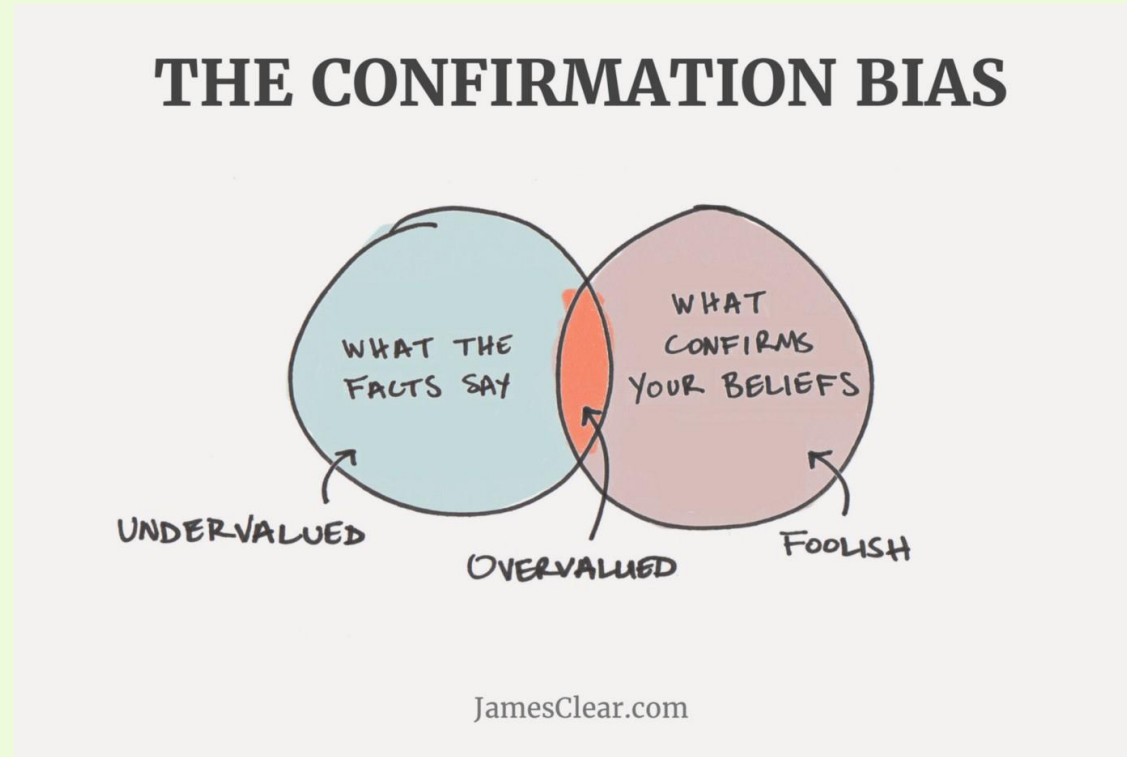


# THE CONFIRMATION BIAS



**Critical warning: Who determines what is factual?**

# What is bias?



Preset notions and values. **We all have biases!!!**  
But we can **learn more from people and ourselves** when we set aside our own bias and listen.

# **We should challenge our biases because.....**

- **Social problems are difficult to solve if we keep assuming (wrong) things.**
- **To facilitate social change better, we need to start breaking down those assumptions.**

# How to minimize bias?

**First and foremost, emphasize listening:**

**It is impossible to understand every social problem, but we can start to address societal issues by listening to the people affected without assumptions first.**

# Minimizing bias

**Avoid jargon** = Ask simple questions with simple wording

**Avoid assumptions** = Do not assume people know about your issue

**Avoid leading** = Do not use subjective claims

**Define definitions** = Explain terms if you must use them

# **#4 Keep it Short**

**Keep it short 4 you and 4 them**

# Keeping it short

**A shorter survey = more space to share people's stories**

**Tie each question to **who** you are looking to empower**

**Open-ended questions = community members can take more time to respond if they want to**

# **Main Takeaway of Survey Design**



**Be respectful.**

# **Group Assignment #3**

**Draft up your surveys and revise memos**

**Still 2 pages MAX!!!!**