

# MID YEAR CLEAR

BROOKLYN INFOCOMMONS

JULY 17, 2021

EXP 01/21

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# OVERVIEW

Intro

Special Guest- Matt Mitchell

Mid Year Clear

Outro



# WHO ARE WE?

We are...

The Cypurr Collective: A group of folks that organize cybersecurity events, looking to spread knowledge and talk about privacy rights!

**Established April 2016**

Just some folks interested in making safer spaces for others to talk bout their privacy needs



## A FEW RULES FOR THE SPACE

Saf(er) Space - We DO NOT tolerate language or behavior purposefully meant to demean or harm folks based on their identities

Feel free to ask questions!



## A FEW RULES FOR THE SPACE

Slides/Resources available after!  
Video available soon.

### A note on voice recording...

We are trying to keep these presentations for posterity, and not to record participants. We will try to anonymize people when possible but please be aware that we are recording and may need to keep voices in the audio for context. Use the chat if possible for questions and discussions if you do not want your voice on the recording.



**AND NOW...**

# MATT MITCHELL

Matt Mitchell is a hacker, founder of CryptoHarlem, and tech fellow to the BUILD program at the Ford Foundation. In his work there Matt develops cybersecurity strategy for the foundation's grantee partners.

Matt is a well known security researcher, operational security trainer, and data journalist who founded & leads CryptoHarlem ( <https://twitter.com/cryptoHarlem> ), impromptu workshops teaching basic cryptography tools to the predominately African American community in upper Manhattan.

(Photo Credit: Nick Lee)



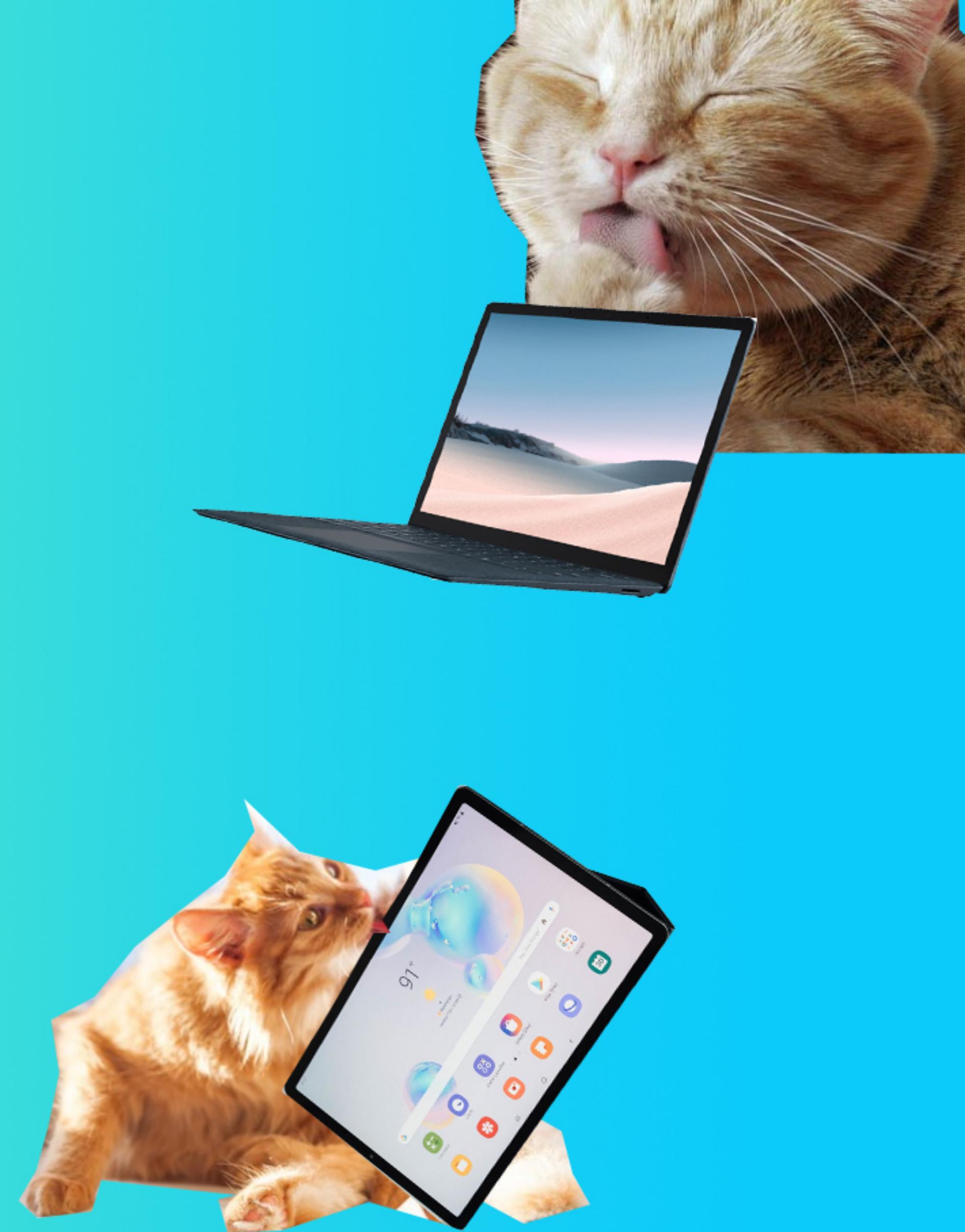
Cypurr Presents

# Mid Year Clean!

our data detox part 2  
we'll be talking ways to  
declutter your digital life



July 17th @ 2  
Brooklyn Infocommons zoom





# DATA DETOX?

# DATA DETOX

## WHAT IS IT?

- Tactical Tech/Mozilla
- The process of raising self awareness of
  - your use of the digital world
  - how you interact with it
  - who you interact with
  - what info you put out there
  - the value of that info
- how to better control the flow of data going toward and away from you



# A STORY OF YOU

YOU AND YOUR DATA



# A STORY OF YOU

## YOU AND YOUR DATA

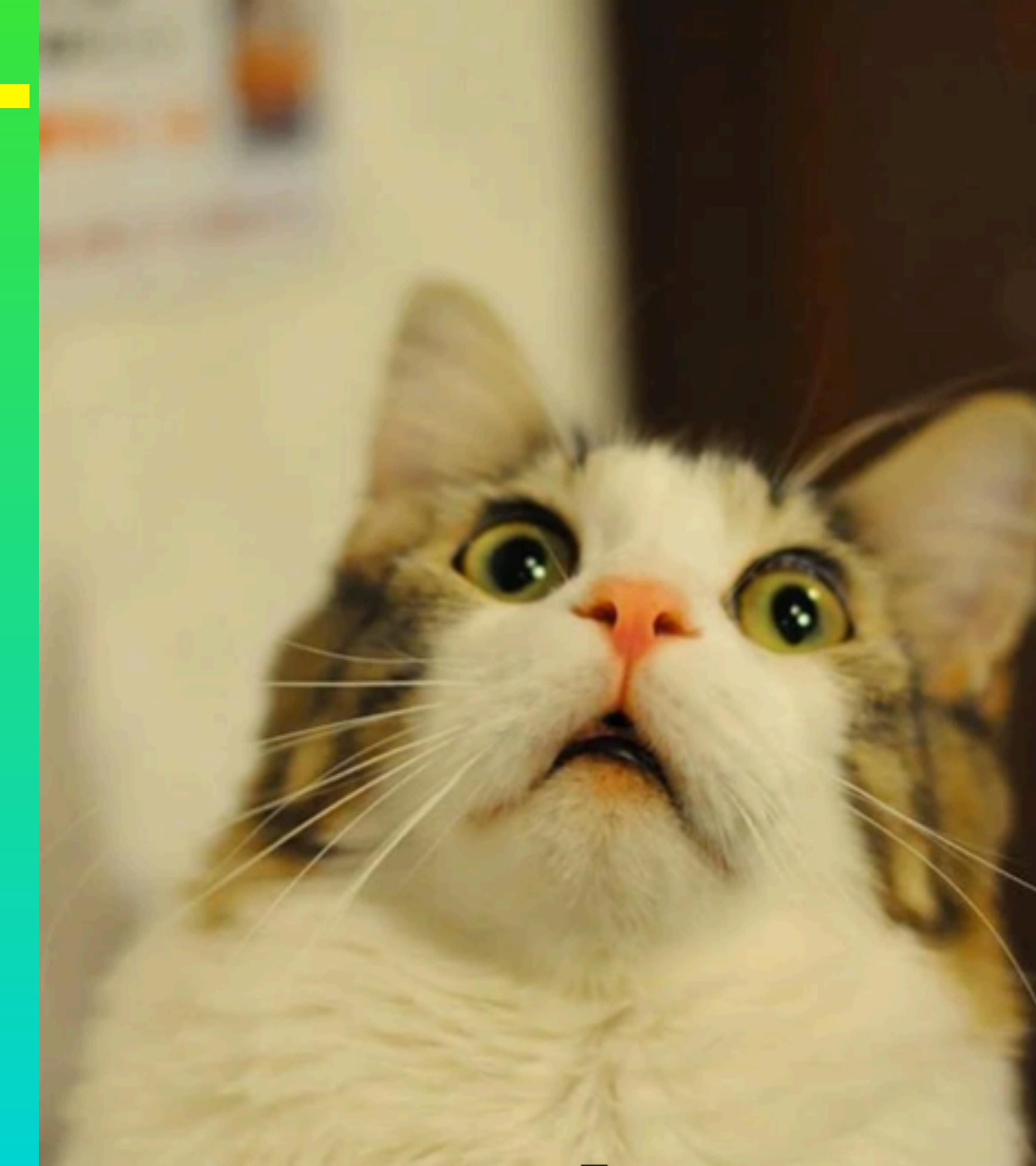
**Who-** Who are you? Who you know? Who are you connected to? Who you think you are? Who others think you are?

**What-** What do you do? What do you like? What are your hobbies? What do you do for your free time?

**When-** When were you born? What generation are you? When do you wake up? When do you go to work? When do you go online?

**Where-** Where do you live? Where do you work? Where do you exercise? Where do you shop? Where do you search?

**How-** How do you communicate? How do you make decisions? How do you learn? How do you shop?



# DATA DETOX

## WHAT IS IT?

- Not a perfect endeavor, but a worthwhile one
- Understanding digital footprint
- Data and consent
- Understanding limits and capacities



Awareness  
(Today)

**DATA**

Awareness  
(Today)

# DATA

Prevention  
(Part 2 coming July 2021)

# SOME TIPS...



# SCRUTINIZE

**FREE ISN'T FREE**

**Privacy Policy/Terms of Use-** Does the company respect your privacy?

**Ethics of Company-** Are they profiteers or are they concerned about their users?

**Open Source-** Is the code open for audit? Is there transparency?



# SCRUTINIZE

FREE ISN'T FREE

## Privacy Policy/Terms of Use

Does the company respect your privacy?

### What is Collected

Information you provide

Usage

Device Information

### How it's Stored

Encrypted?

Access?

When accessed?

### How it's Shared

Does it get sold?

To whom?

How are these entities  
vetted?

# SCRUTINIZE

FREE ISN'T FREE

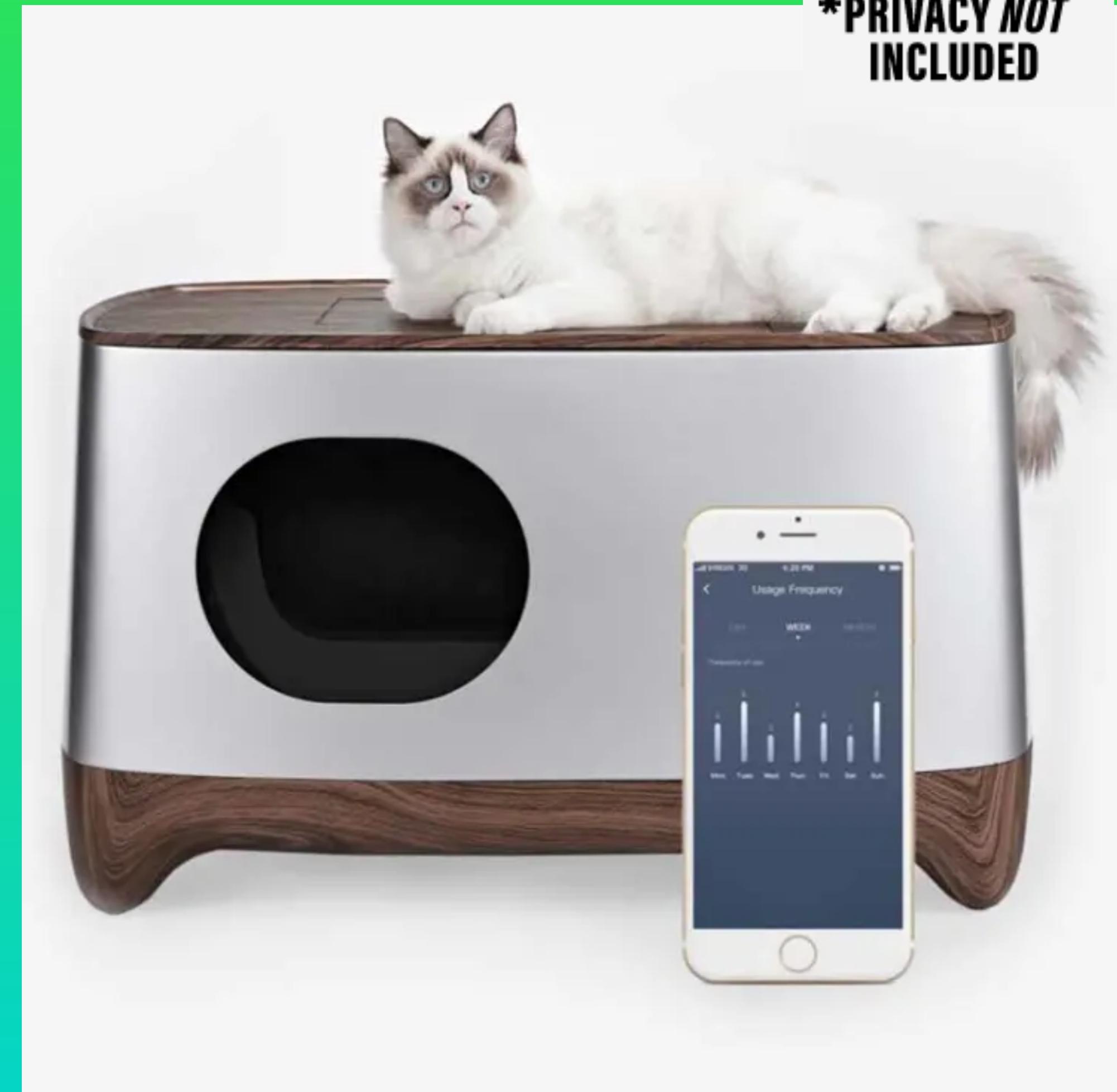
**Ethics of Company-** Are they profiteers or are they concerned about their users?

\*privacy not included (Mozilla)

Ikuddle Auto Pack Litter Box

No Privacy Policy

Will you receive it?



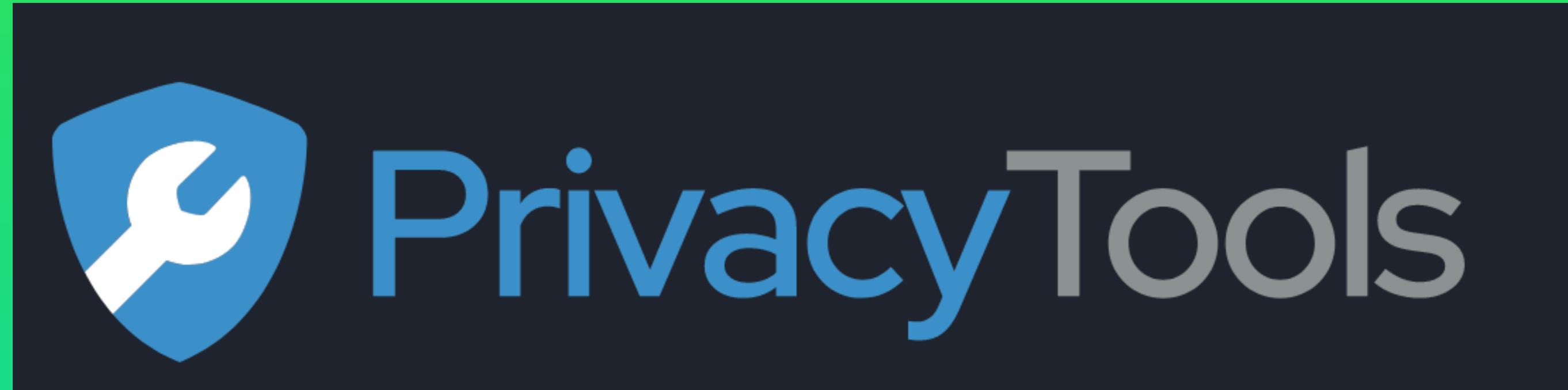
# SCRUTINIZE

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**Open Source**- Is the code open for audit? Is there transparency?



# ALTERNATIVES



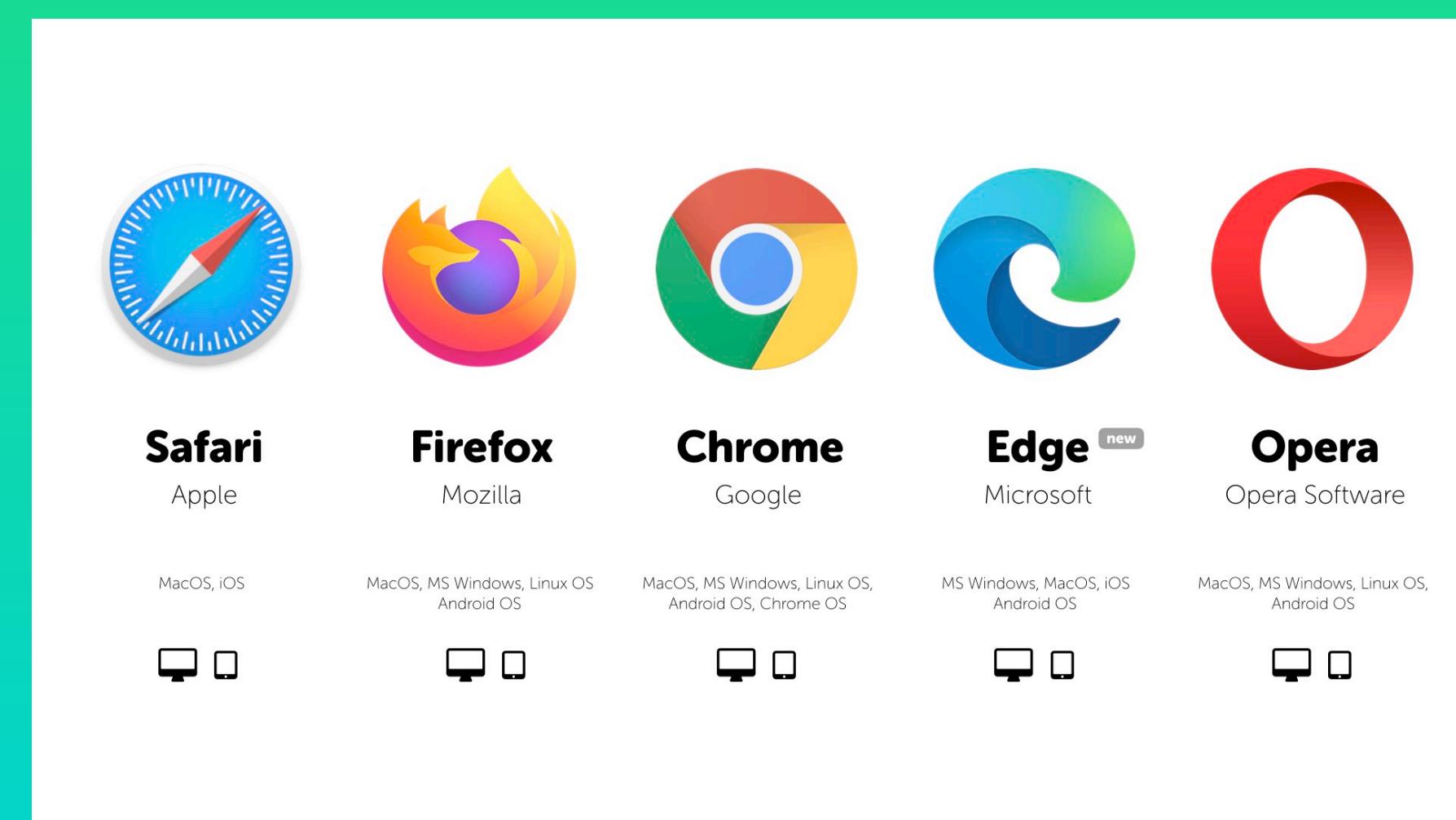
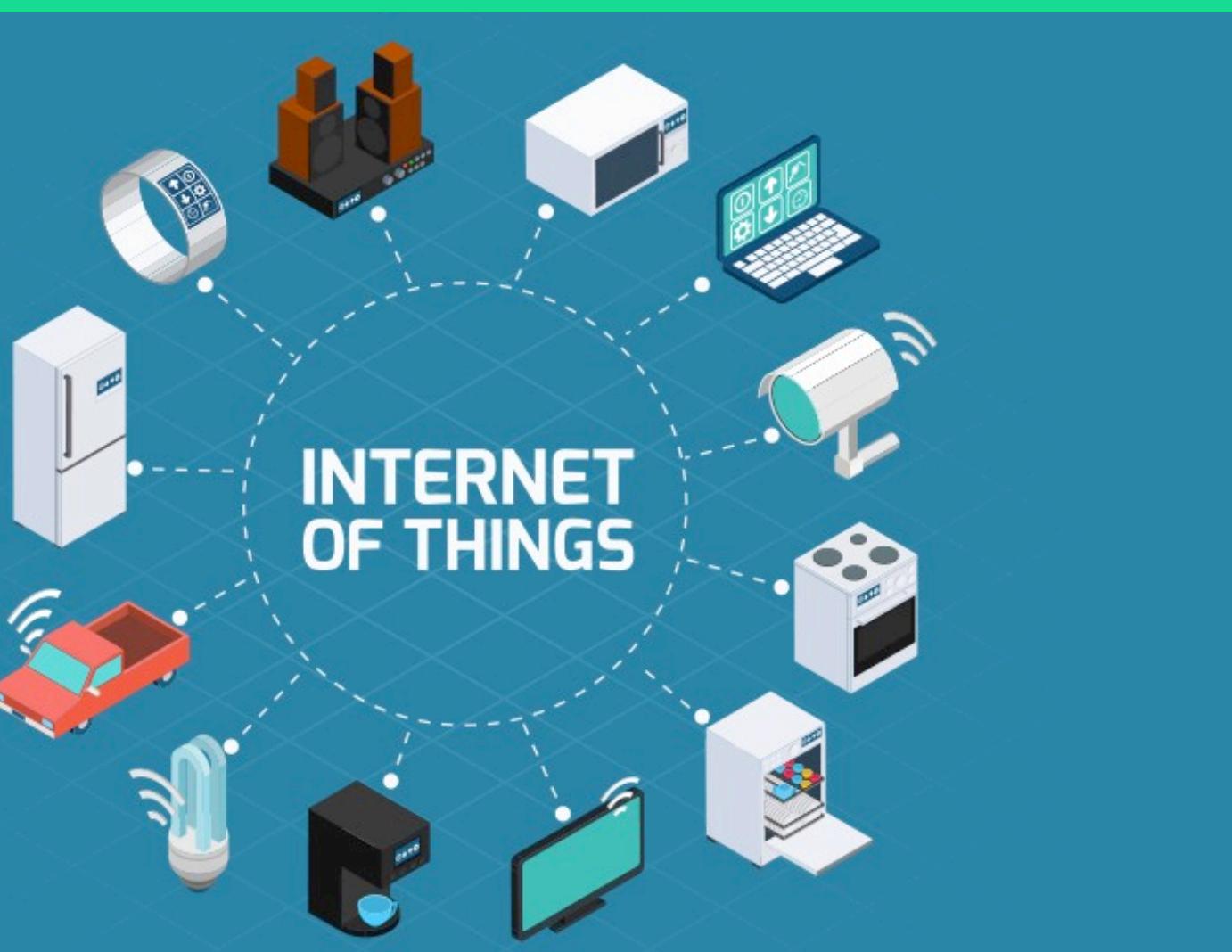
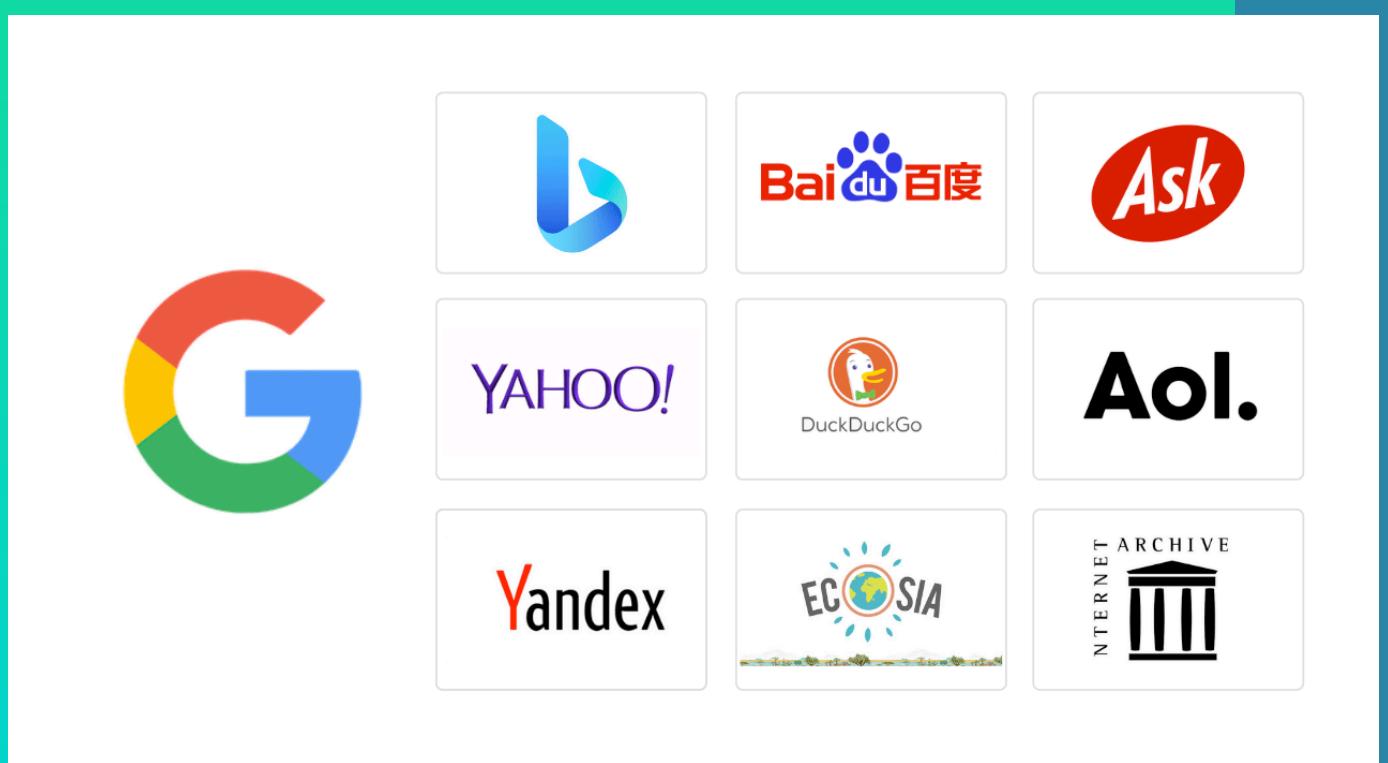
## Pros

Lists privacy-minded apps

## Cons

Convenience

# COMMON DIGITAL INTERFACES



# PHONES

TIDYING UP



# PHONES

## TIDYING UP

**Do you need all that app clutter?-** What apps am I using? What apps take up space?



# PHONES

## TIDYING UP

**Do you need all that app clutter?**- What apps am I using? What apps take up space?

**Does your phone give you away?**- Do you use your name for your phone/wifi/bluetooth?



# PHONES

## TIDYING UP

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**What services run in the background?**- Do you NEED wifi/bluetooth on all the time?



# PHONES

## TIDYING UP

**Do you need all that app clutter?**- What apps am I using? What apps take up space?

**Does your phone give you away?**- Do you use your name for your phone/wifi/bluetooth?

**What services run in the background?**- Do you NEED wifi/bluetooth on all the time?

**Start from Scratch?**- Factory Reset?



# APPS

## TIDYING UP

**Permissions-** What are you allowing the app to access?

Location

Photos

Contacts

Camera

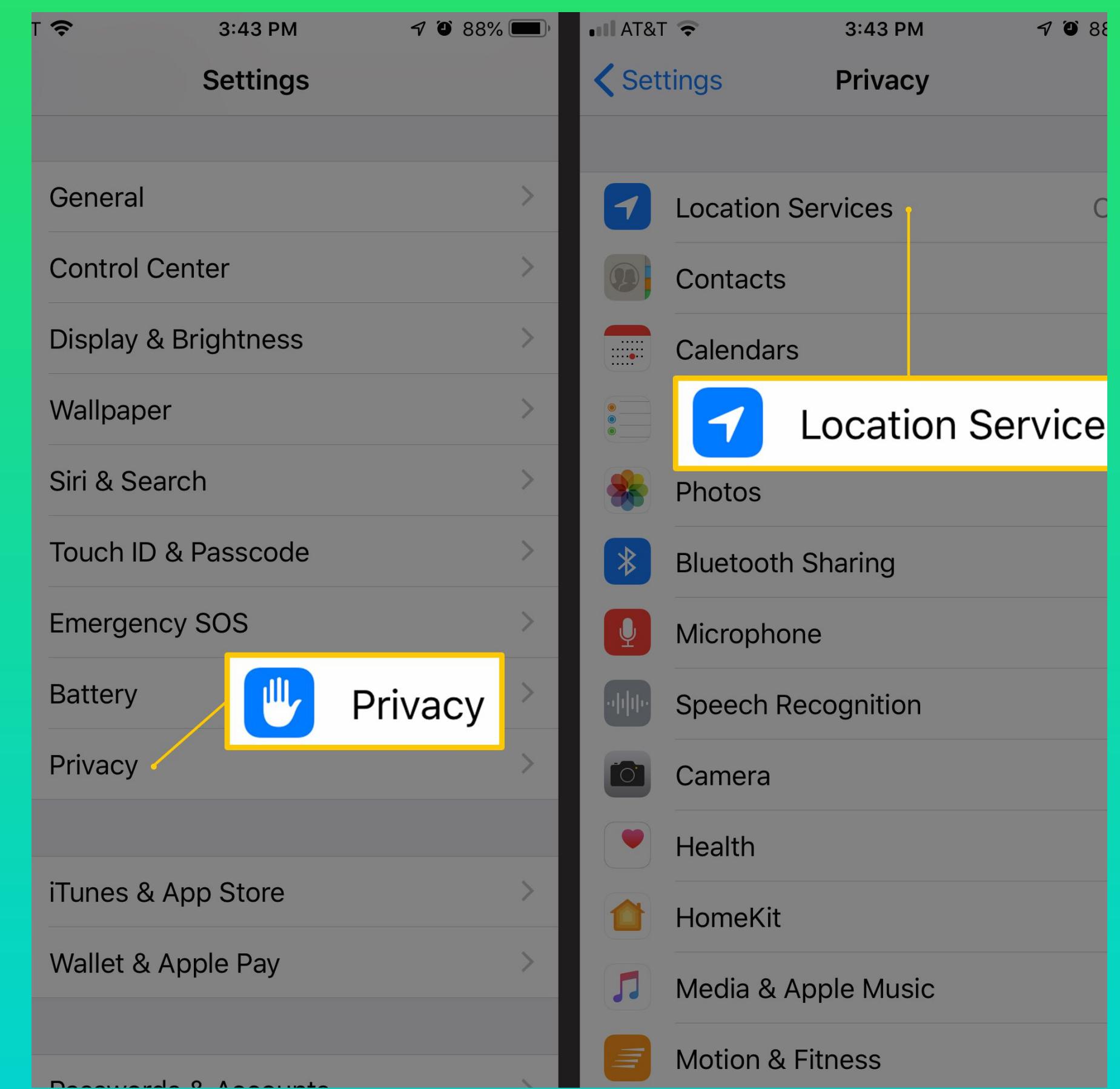
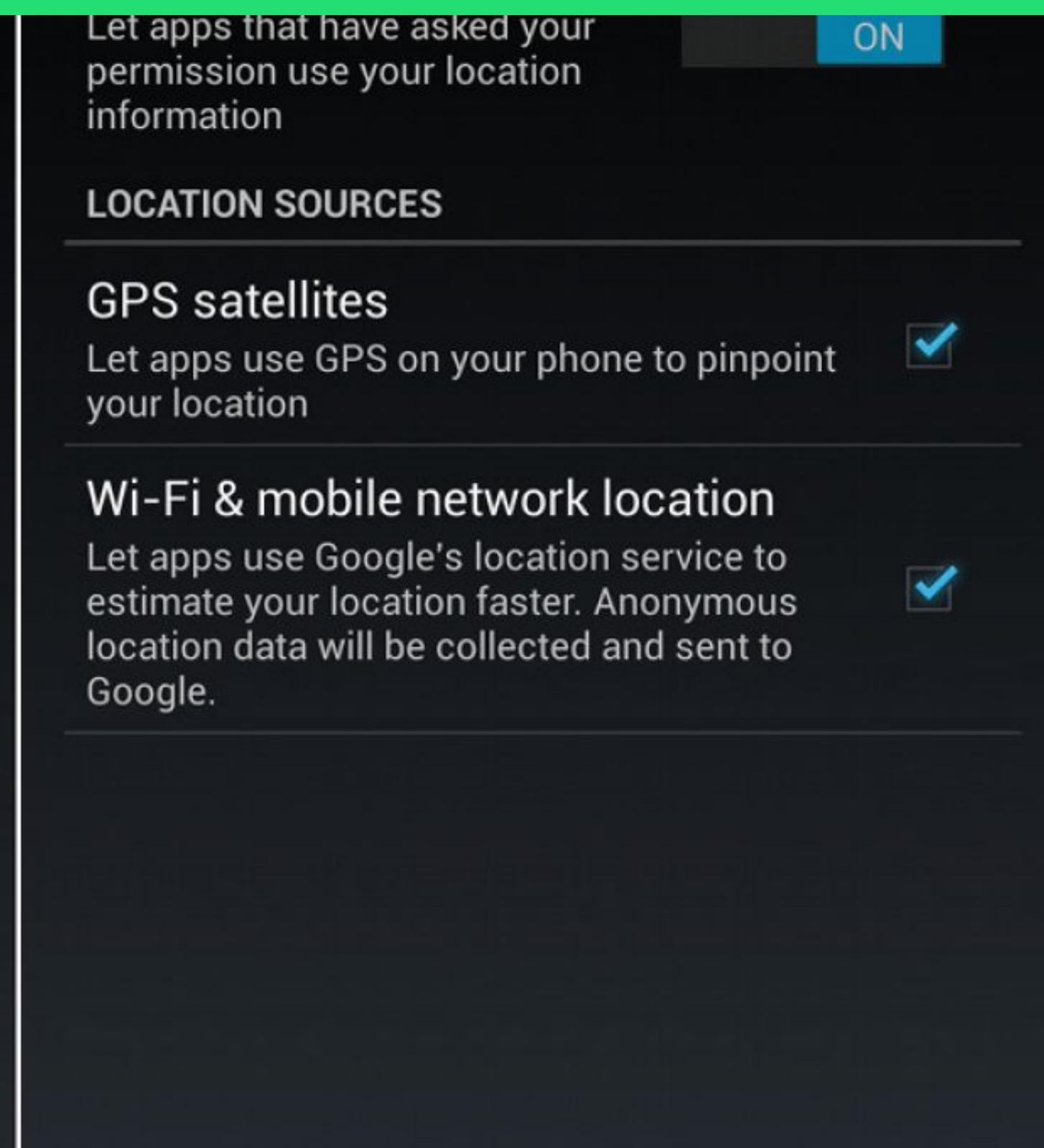
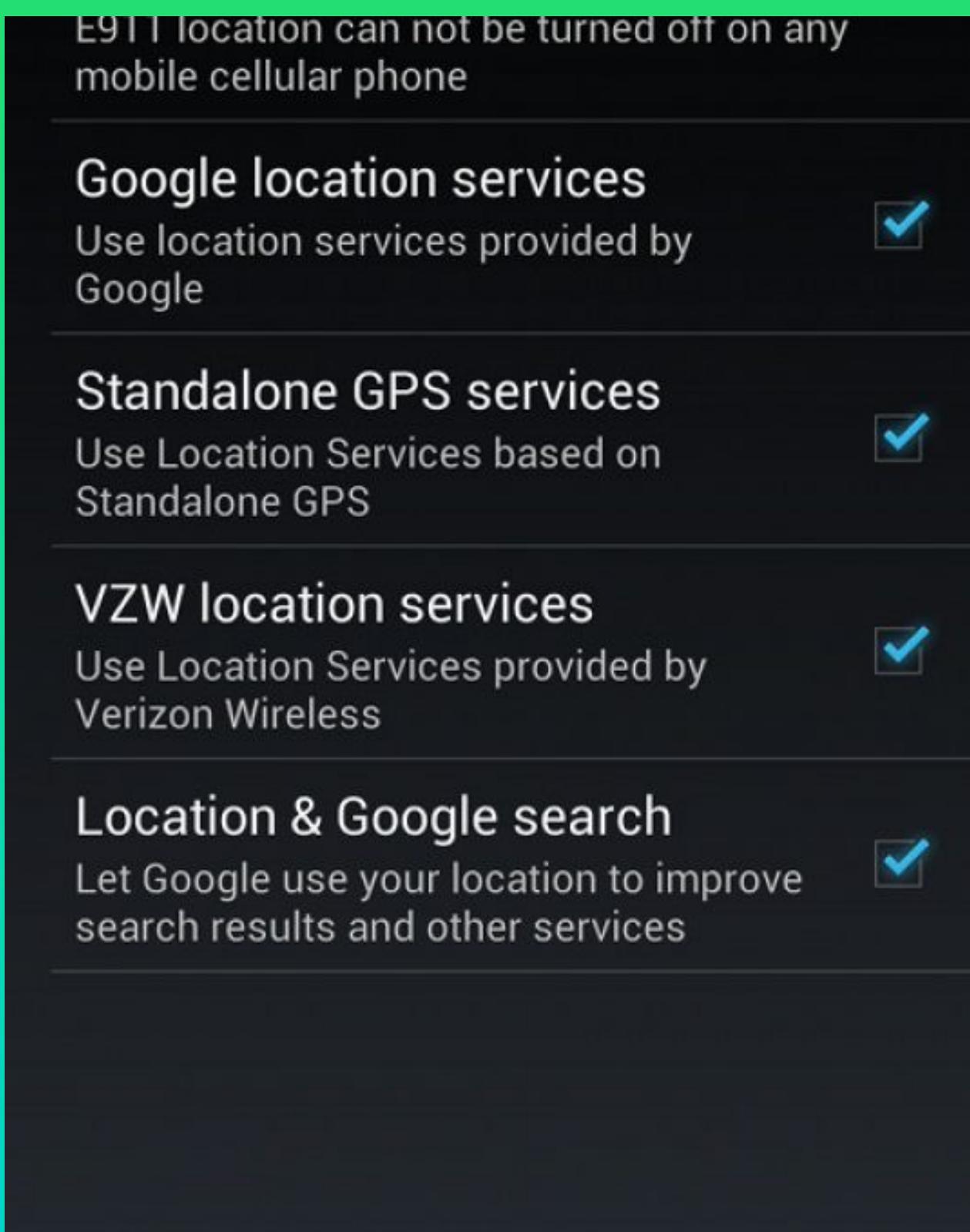
Keyboard

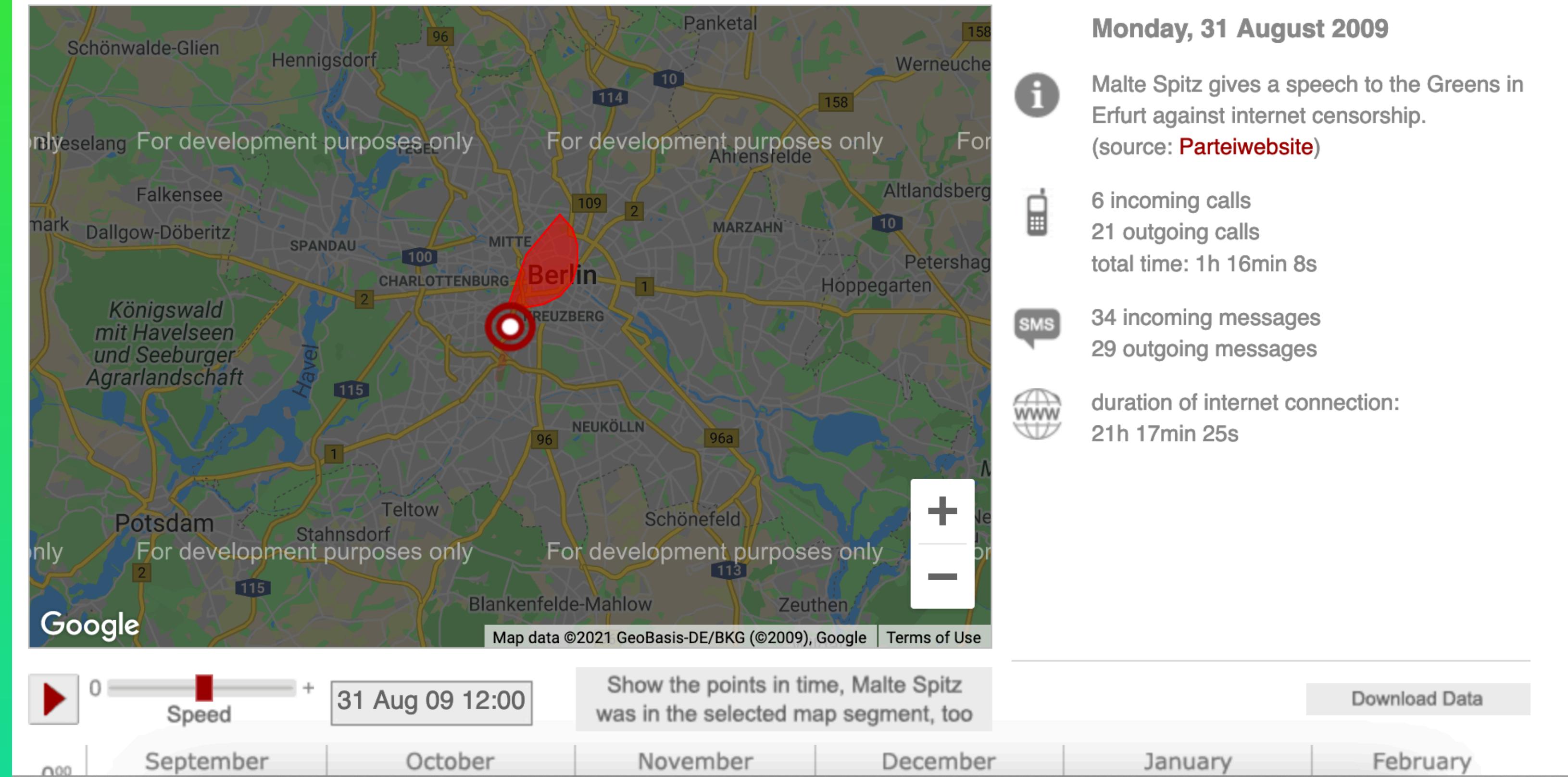
Media



# LOCATION

Is the app actively keeping track of you?





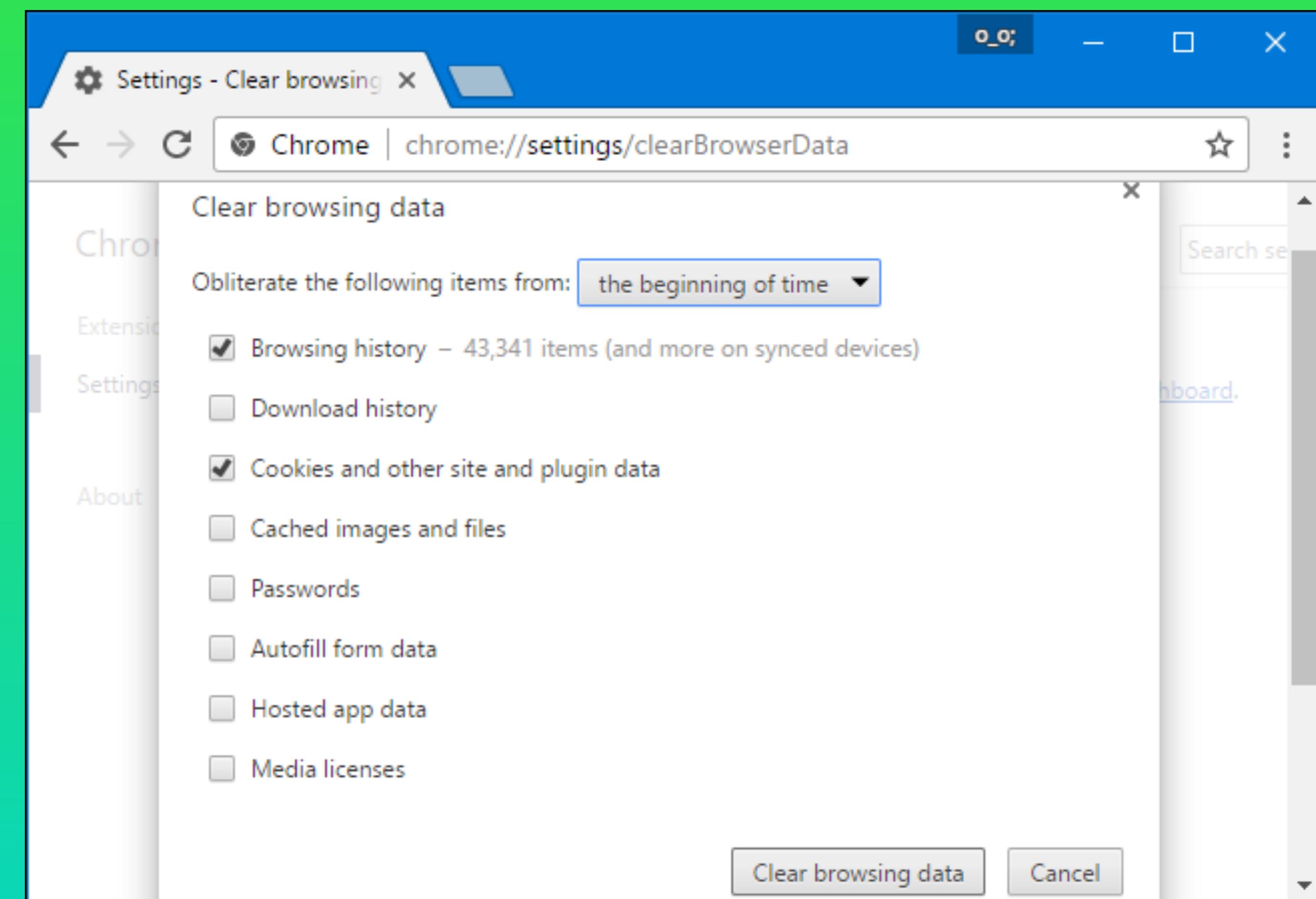
Green party politician Malte Spitz sued to have German telecoms giant Deutsche Telekom hand over six months of his phone data that he then made available to ZEIT ONLINE. We combined this geolocation data with information relating to his life as a politician, such as Twitter feeds, blog entries and websites, all of which is all freely available on the internet.

By pushing the play button, you will set off on a trip through Malte Spitz's life. The speed controller allows you to adjust how fast you travel, the pause button will let you stop at interesting points. In addition, a calendar at the bottom shows when he was in a particular location and can be used to jump to a specific time period. Each column corresponds to one day.

# BROWSERS

## TOO MANY COOKIES

**History/Cache/Cookies-** What does your browser say about you?



# BROWSERS

## TOO MANY COOKIES

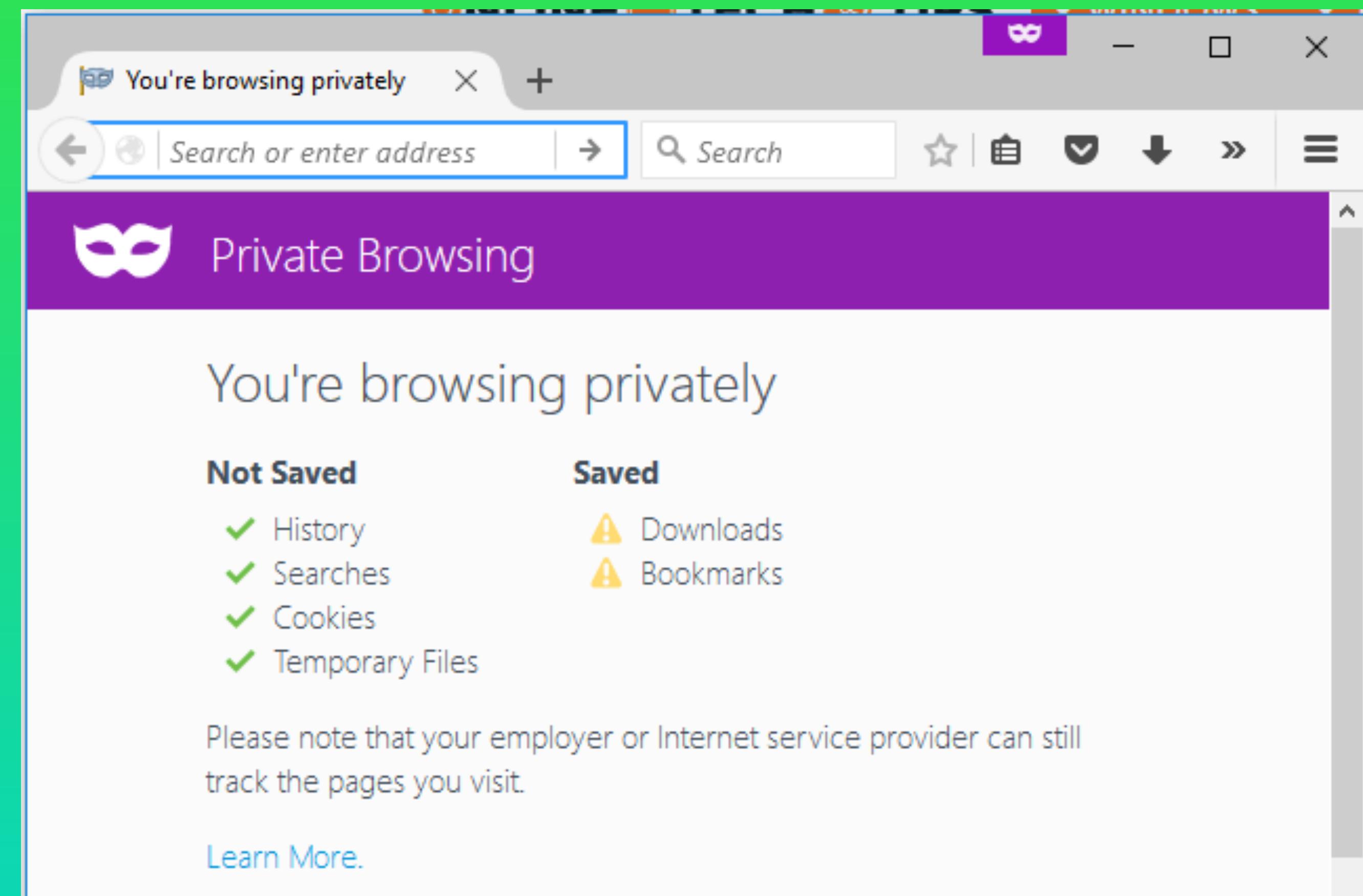
**History/Cache/Cookies-** What does your browser say about you?

## Privacy Mode

Ex.

Incognito Mode (Chrome)

Privacy Mode (Firefox)



# SOCIAL MEDIA

OOPH....



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**Settings-** Does everyone need to know you like that? What privacy options does the company offer?



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**RSVP?**- Do you NEED to RSVP to events?



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**Tags**- Do you NEED to be tagged?



# SOCIAL MEDIA

OOPH....

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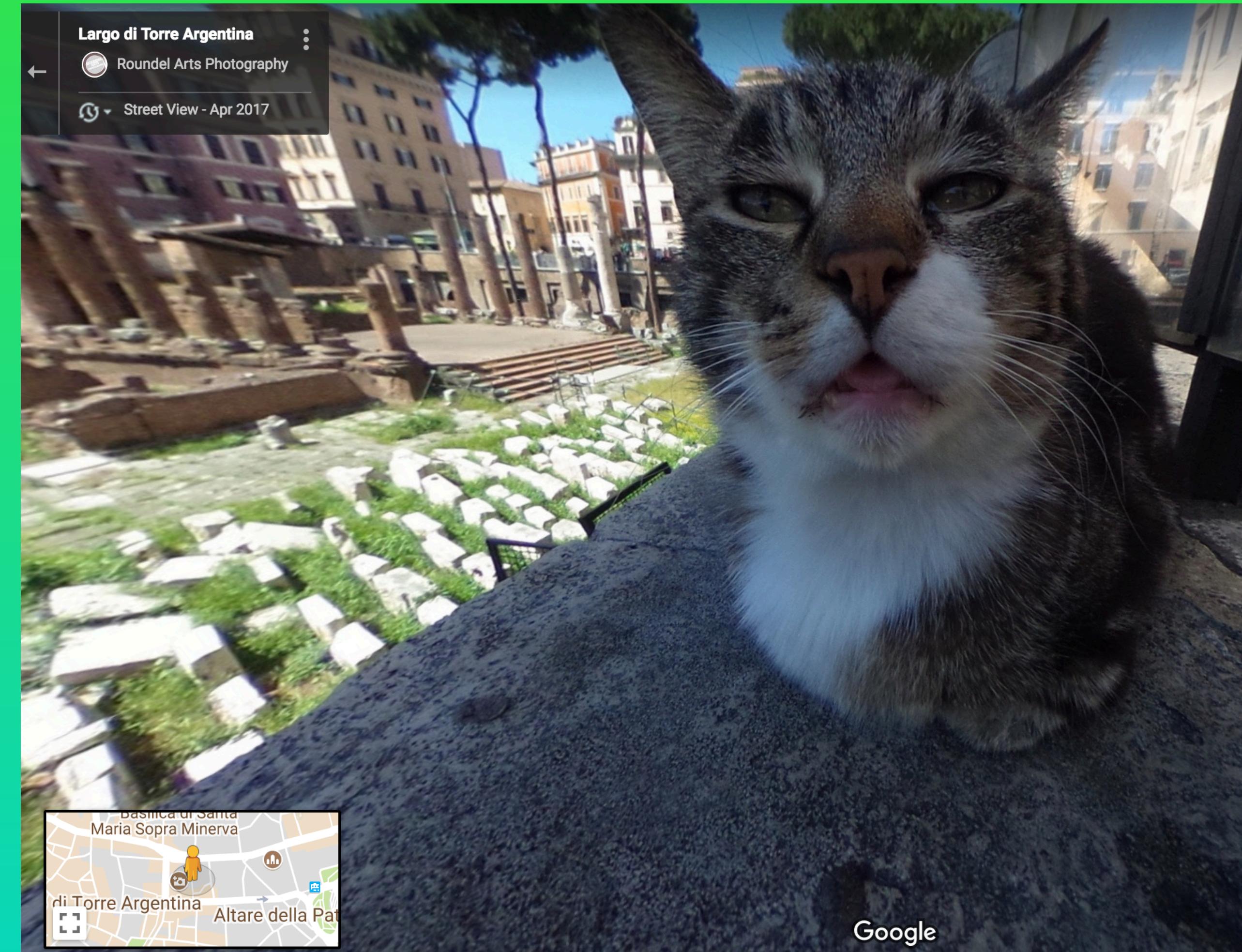
**Past Posts**- Do you NEED all your posts?



# ONLINE SEARCH

WHAT'S OUT THERE...?

Google yourself!



Google

# ONLINE SEARCH

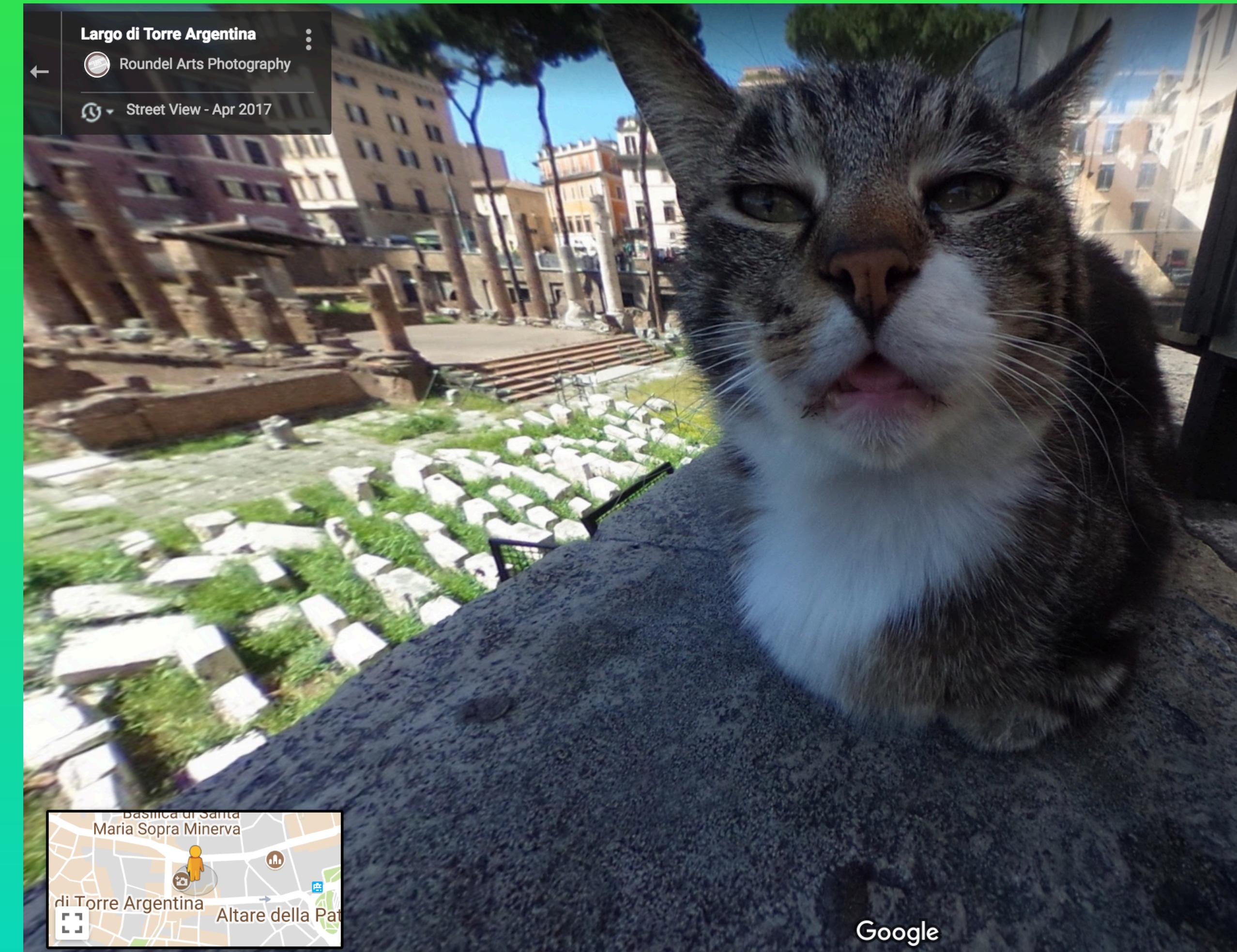
WHAT'S OUT THERE...?

Google yourself!

Internally-

Location Information

Searches



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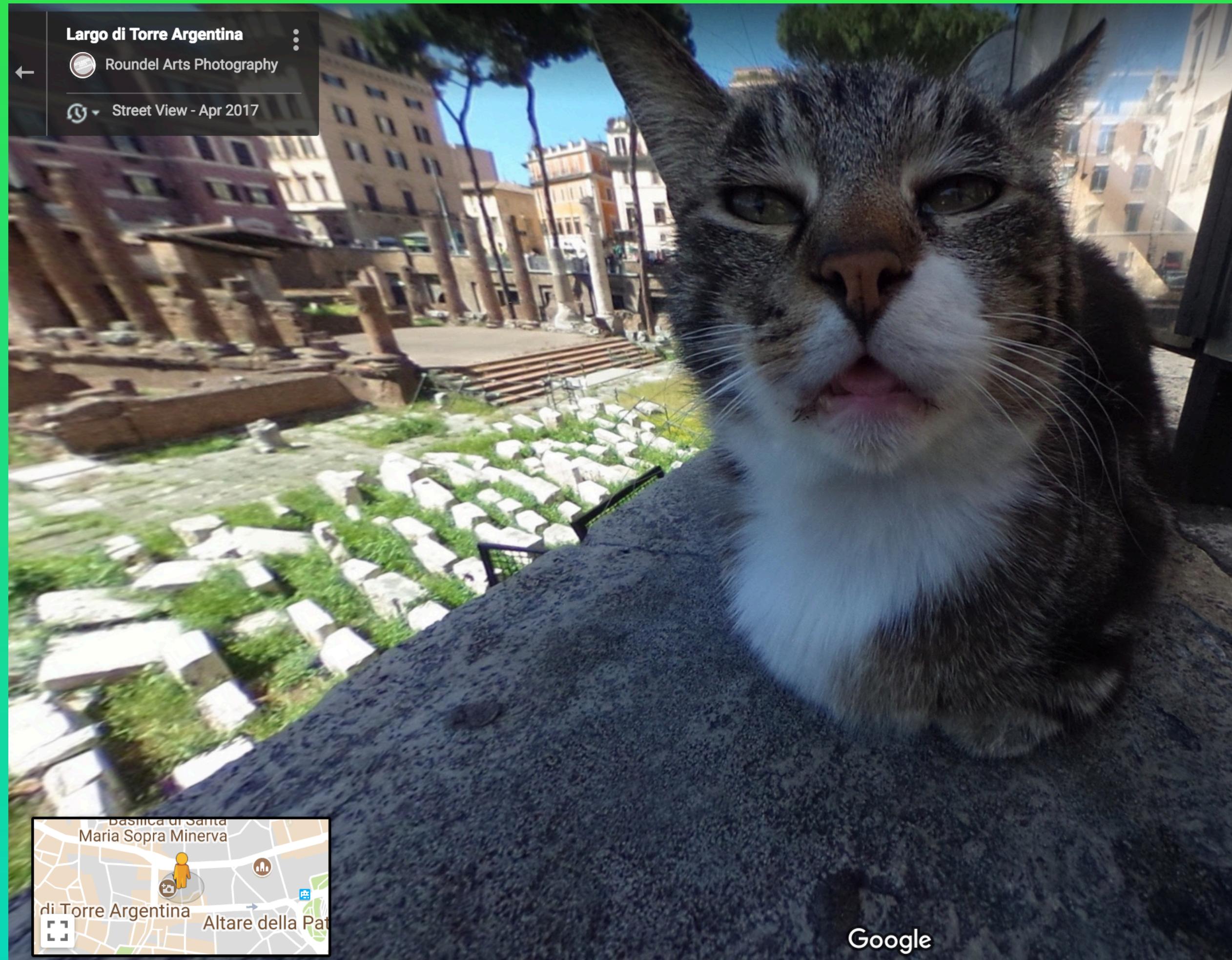
Searches

Externally

Old Profiles?

Images

People Finder?



# ONLINE SEARCH

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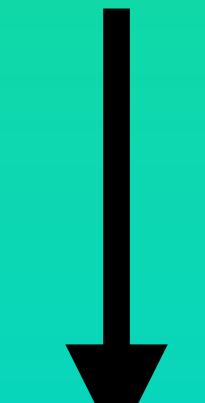
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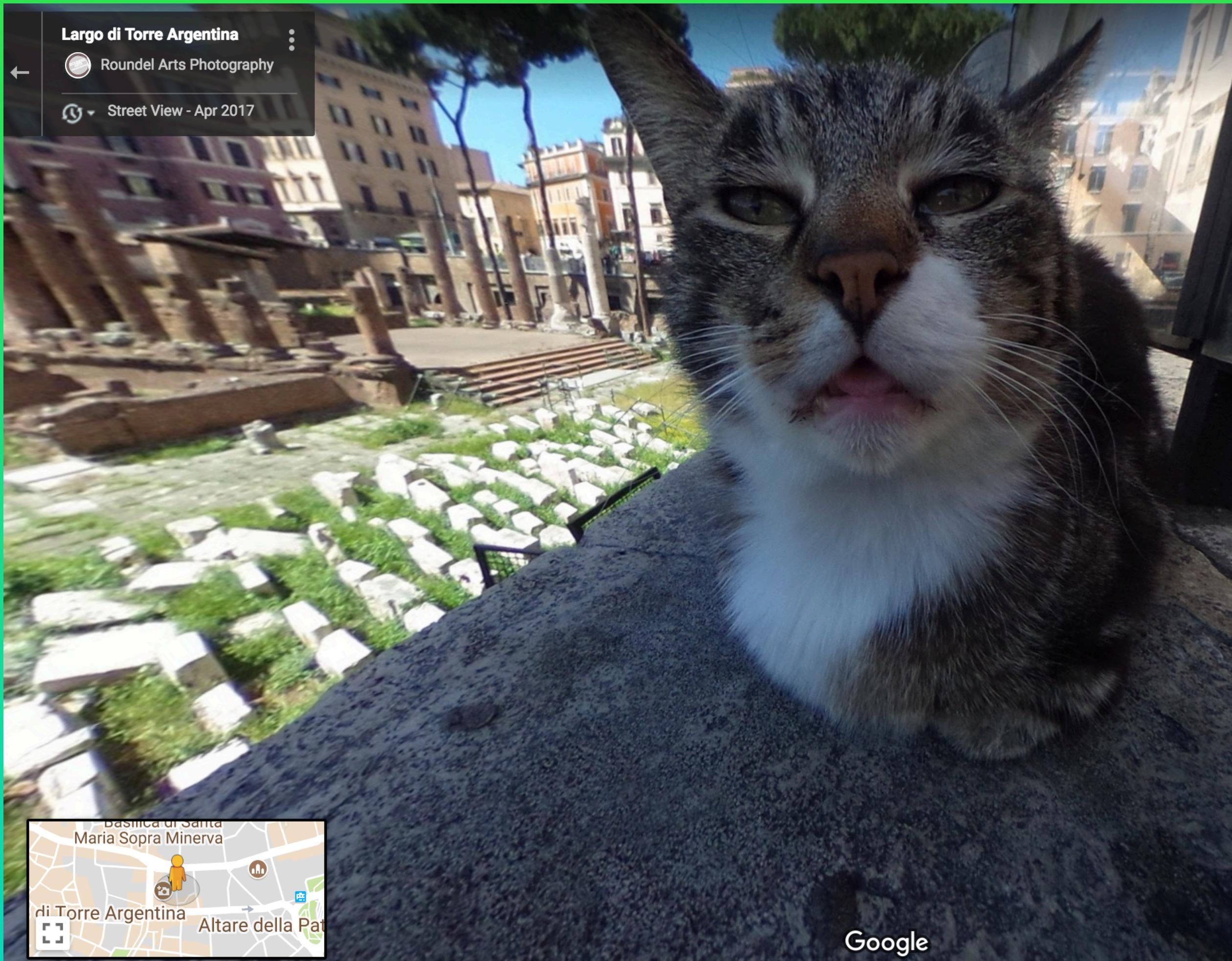
Old Profiles?

Images

People Finder?



Resource Tip:  
Check out Privacy Duck!



# **DETOX SUMMARY**

**Your data is valuable (probably because you're valuable)**

**Threat Model to take inventory- you know your needs and situation best!**

**App Consciousness-** think about WHY you need an app, think about what the app needs from you

**Digital Hygiene-** No worries if you make mistakes, the best strategy is to do this frequently

A close-up photograph of a ginger-colored cat's face. The cat has its tongue slightly out, showing a pink, moist tongue. Its eyes are closed, and it appears to be in a relaxed or content state. The background is blurred, focusing attention on the cat's facial features.

**GO FORTH AND DETOX!**

THANKS FOR WATCHING!

# FURTHER RESOURCES

## Cypurr Resources

Website- <https://cypurr.nyc>

Open Collective (Donation/Tshirt)- <https://opencollective.com/cypurr-collective>

## Questions? Comments? Topic Ideas?

- Email- cypurr@protonmail.com
- Join our email list for updates!

**Social Media-** FB/Twitter @cypurnyc

