

# Privacy

Edmonton Data Management Meetup

# You may have noticed .....

## Here's why you've been getting so many privacy policy and terms of service updates lately

Thanks the General Data Protection Regulations (GDPR) for the recent assault on your privacy

By Stan Horacek April 26, 2018

|           |   |
|-----------|---|
| Trello    | Trello Privacy Policy Updates - See w...            |
| Zenfolio  | Updates to our Terms of Use - Annou...              |
| GoDaddy   | We're updating our privacy policy. - It ...         |
| Periscope | <span>Inbox</span> Updates to Periscope's Terms ... |
| Instagram | <span>Inbox</span> stanhoracek, review and agre...  |
| Plex      | <span>Inbox</span>                                  |



### Consumers have filed thousands of complaints about the Equifax data breach

**Vox** - 10 hours ago  
Since Equifax announced that a **data breach** had left the personal information of tens of millions of people exposed last September, the Consumer Financial Protection Bureau — the US government's top consumer watchdog — has received more than 20,000 complaints about the company, which is about ...

Cyber saviours: Insurers paid tens of millions to **data breach** firm Equifax  
**Insurance Times** - 14 hours ago

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### Canadian **data breach** notification regulations finalized

**Lexology** - 6 hours ago

The Canadian government has released the final version of its **Breach of Security** Safeguards Regulations, which will come into force on November 1, 2018. We now have a final picture of privacy **breach** notification requirements that will be applicable to the private sector in most Canadian provinces as of ...

**Data Breach** Laws on the Books in Every State; Federal **Data Breach** ...  
**The National Law Review** - 30 minutes ago

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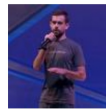


### What Can We Do To Solve The **Data Breach** Problem?

**Forbes** - Apr. 20, 2018

As a developer who has built Facebook-integrated apps in the past, I knew that Facebook had certain measures in place to prevent **data breaches** like this from happening. For example, users had to give permission for the apps to use their data. The problem was, Facebook had no control over what ...

Facebook users are mad as hell over the Cambridge Analytica scandal



### Twitter sold **Cambridge Analytica** researcher access to public data

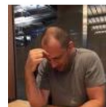
**Financial Post** - 4 hours ago  
Aleksandr Kogan, who created a personality quiz on Facebook to harvest information later used by **Cambridge Analytica**, established his own commercial enterprise, Global Science Research (GSR). That firm was granted access to large-scale public Twitter data, covering months of posts, for one day in ...

Twitter is blocking **Cambridge Analytica** from buying ads because of ...  
**Recode** - 3 hours ago

Twitter Sold Data Access to **Cambridge Analytica**—Linked Researcher  
Highly Cited - **Bloomberg** - Apr. 29, 2018  
**Brexit** result has been thrown into question by the **Cambridge** ...  
In-Depth - **The Independent** - 8 hours ago  
Twitter sold data access to researcher in **Cambridge Analytica** scandal  
Highly Cited - **Engadget** - 21 hours ago  
How to Wrestle Your Data From Data Brokers, Silicon Valley — and ...  
In-Depth - **ProPublica** - 14 hours ago



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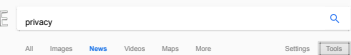


### WhatsApp CEO Jan Koum leaving Facebook after **Cambridge Analytica**

**USA TODAY** - 1 hour ago  
SAN FRANCISCO — Jan Koum, the billionaire co-founder and CEO of WhatsApp, says he's leaving Facebook. "It is time for me to move on," Koum wrote in Facebook post of his decision to resign from the Silicon Valley company. "I'm blessed to work with such an incredibly small team and see how ...

### **Cambridge Analytica** CEO lied

Research academic says the suspended CEO of Cambridge Analytica was at the heart of the Facebook investigation into fake news. Academic Aleksey Gerasimov, developed a ...



All news + Past 24 hours + Sorted by relevance + Clear

**Data privacy** is about control by the people, not corporations  
The Globe and Mail - 1 hour ago  
Hulu Shree is founder and CEO of Dot Health. Too much of the recent debate on data privacy has been a response to data breaches and the sense of mistrust we collectively feel for Facebook and its chief executive Mark Zuckerberg. As the founder and CEO of a company that helps individuals access their personal health ...

Facebook privacy drive may crimp some political campaigns  
**Rappler** - 16 hours ago  
Business leaders' Facebook privacy concerns, at odds  
Reading Eagle - 10 hours ago  
Facebook knows I can't offer more privacy  
Opinion - **NDTV** - 16 hours ago  
What to Expect From Facebook's Big Show  
In-Depth - **WIRED** - 12 hours ago



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Facebook is trying to block **Schrems II** privacy referral to EU top court  
**TechCrunch** - 6 hours ago  
The case relates to a complaint filed by privacy campaigner and lawyer Max Schrems regarding a transfer mechanism that's currently used by thousands of companies to authorize flow of personal data on EU citizens to the US for processing. Though Schrems was actually challenging the use of so-called Standard ...

Facebook hints to keep data **privacy** case from EU's top court  
Highly Cited - **Reuters** - 9 hours ago

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WhatsApp co-founder Jan Koum is leaving Facebook after clashing ...  
**The Verge** - 1 hour ago  
WhatsApp co-founder and CEO Jan Koum is leaving the company amid arguments with parent company Facebook over data privacy and the messaging app's business model, according to a report from The Washington Post. Koum, together with his fellow co-founder Brian Acton, said WhatsApp for Facebook in 2014 for an ...  
WhatsApp founder plans to leave after broad clashes with parent ...  
Highly Cited - **Washington Post** - 2 hours ago

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Publishers rebuke Google's interpretation of EU **privacy** law  
**Reuters** - 10 hours ago  
Jason Kirk, CEO of Digital Content Next, said the statements show that at a time of heightened awareness about online privacy, "these big tech behemoths are focused on protecting their massive collection of personal data rather than aligning with the spirit of these new rules and raising the bar on consumer trust." Smaller ...  
Australia needs to do more on data protection  
In-Depth - **The Australian** - 9 hours ago

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US Supreme Court to hear Google **privacy** settlement dispute  
**Reuters** - 9 hours ago  
(Reuters) - The U.S. Supreme Court on Monday agreed to hear an internet privacy case involving Google that could put the brakes on an increasingly common form of settlement in class action suits that funnels money to unrelated third parties and charities instead of to people affected by the alleged wrongdoing.

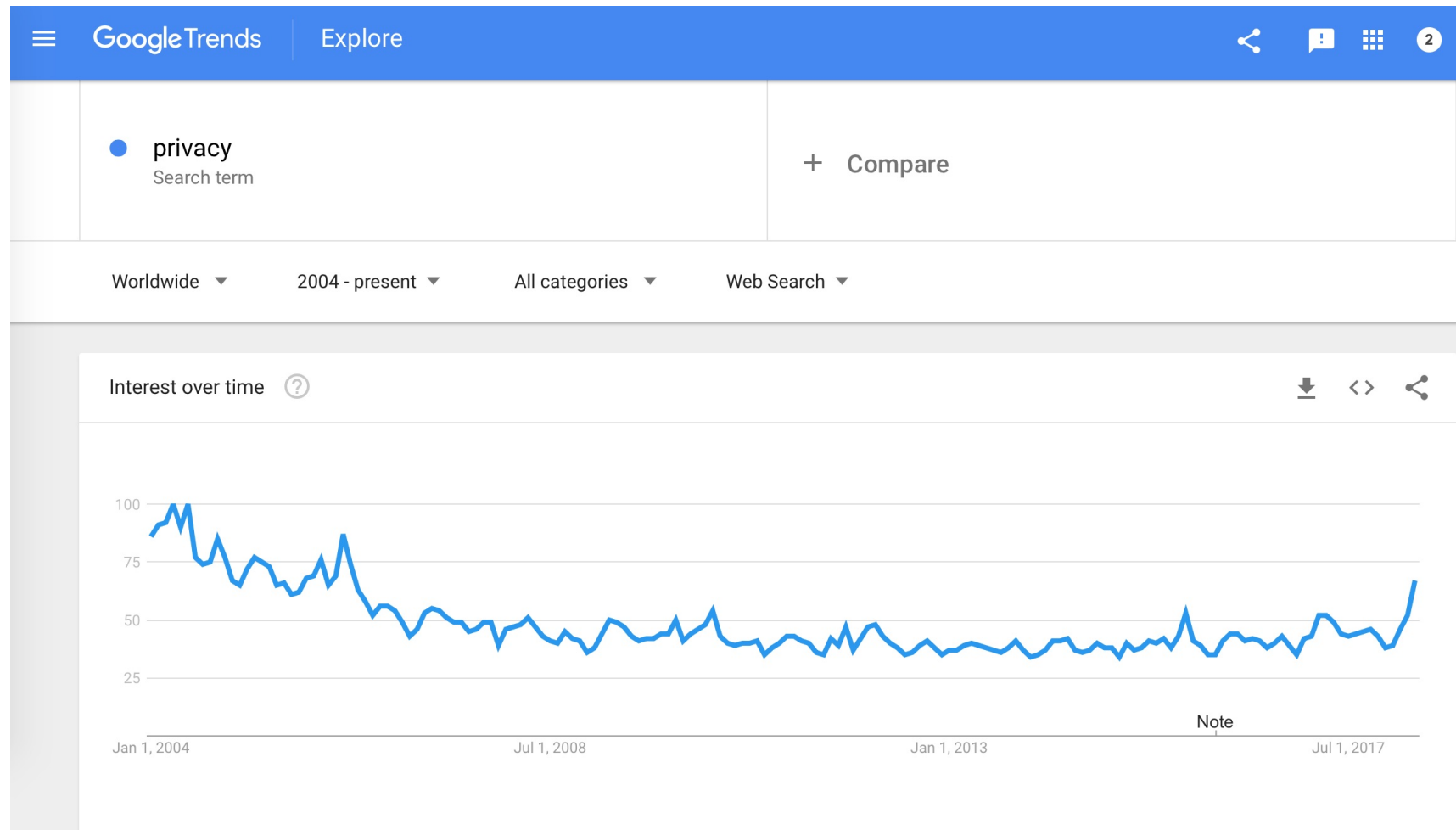
Google **Privacy** Settlement Gets Scrutiny From US Supreme Court  
Highly Cited - **Bloomberg** - 9 hours ago

# Why?

- Data Breaches - Equifax, etc.
- Scandals - Cambridge Analytica, etc.
- Regulation - PIPEDA, GDPR, HIPAA, etc.

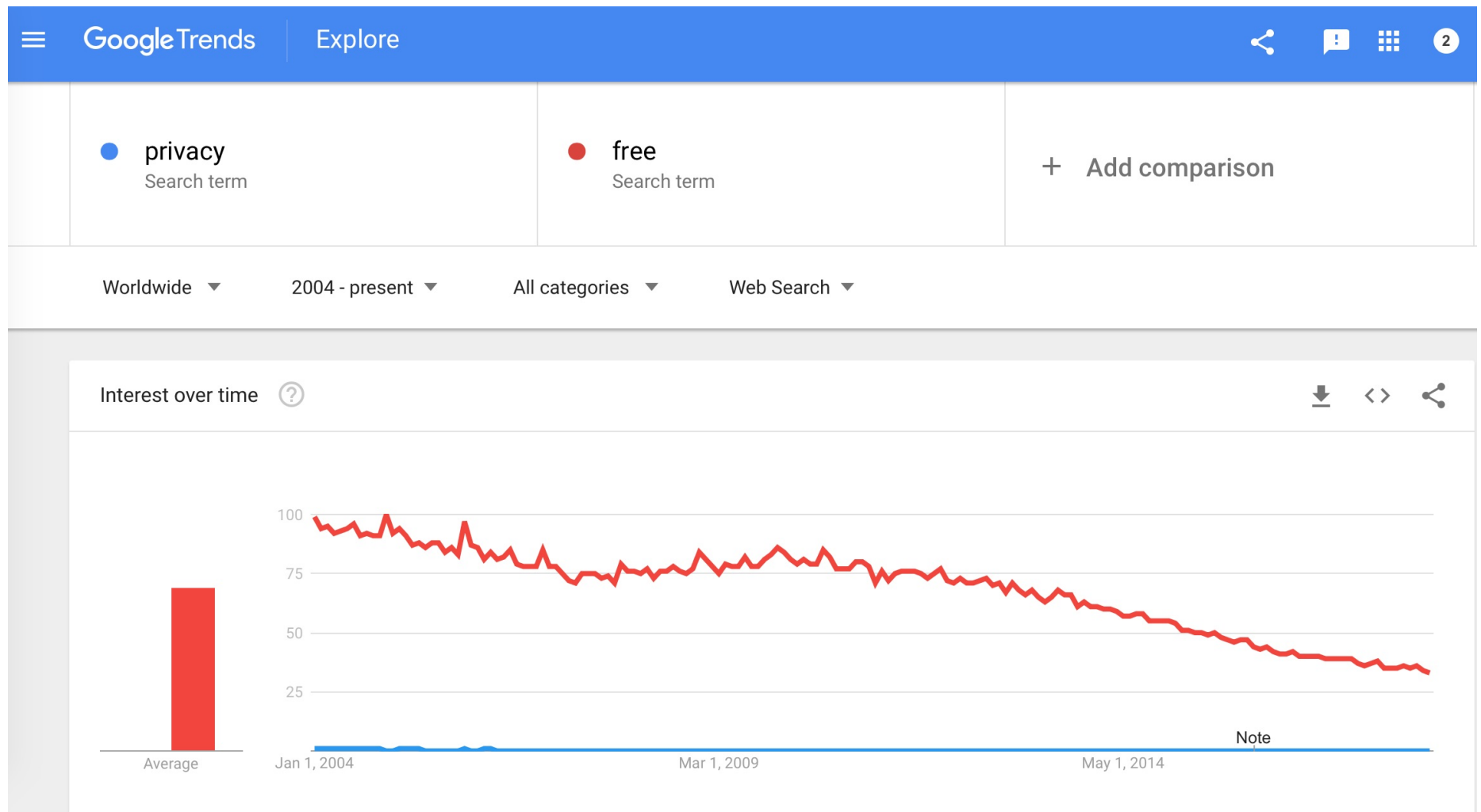
# Side Bar: Recent?

- Not really



# Side Bar: Importance?

- Hmmmm



# Impacts on Your Data

- You may need a privacy process as part of your Data Lifecycle Management
- Know the regulations and requirements that impact your data
  - Typically:
    - obtain consent for personal information
    - collect information that is essential;
    - collect information by fair and lawful means; and
    - have personal information policies that are clear, understandable and readily available.
- “Explain to your mother and a news camera”

# Techniques

- Data classification
  - Confidential
  - Sensitive
  - Personally Identifying
  - etc.
- Risk Analysis
- Implement
  - Purge
  - De-Identification
  - Encryption

# Discussion

- Masking
- Ranges
- Aggregate
- Generalizations
- Feature Flags
- Tools

***Be careful that it can not be re-identified!***