

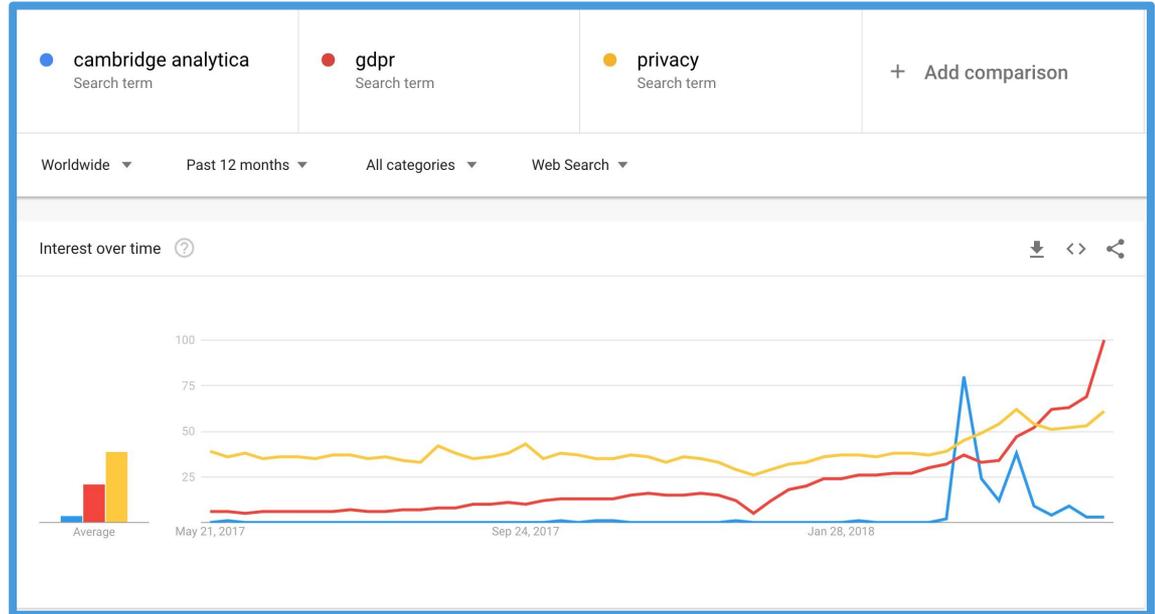


**Paul-Olivier Dehaye @
Café de la République Numérique
@podehaye
2018-05-22**

New dimension to privacy/data protection

Now a collective dimension!

- elections
- artificial intelligence
- antitrust (soon!)



Europe's response: GDPR

Individual empowerment, user-centric data processing

Will come from two rights first:

- Right of access: more transparency on data processing
- Right to portability: more fluidity in moving data around

Neither right prevents the processing in itself

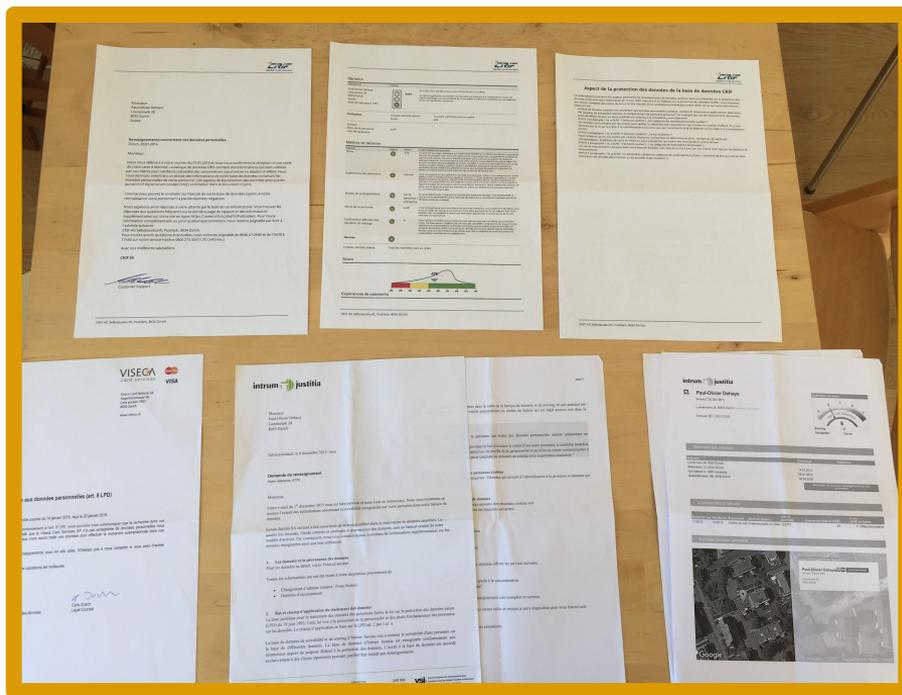
⇒ strong interest in truly enabling this

Right of access

The right for an individual
to access their personal data

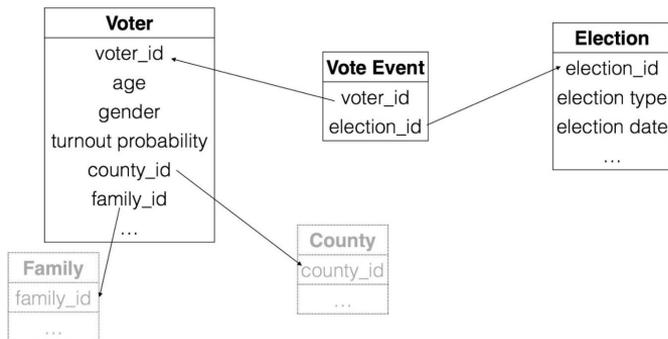


Subject Access Requests in practice



RTS #mesdonnees

How to find out what Trump's favorite big data machine knows about you



Cambridge Analytica is a **dirty, Dementor-focused big data research outfit** that provided the analysis and psych profiles that the Trump campaign used in its electioneering; because its parent company is in the UK, it is required (under EU law) to send you its dossier on you for £10.

Various privacy advocates have been trying to get Cambridge Analytica to comply with UK privacy rules for some time; the company has **finally started obeying the law**, and [PersonalData.io](#)'s Paul-Olivier Dehaye lays out a roadmap for forcing the company to cough up yet more of the data it holds on us and the psychological profiles it has derived from this data.

FROM THE BOING BOING SHOP



Pay What You Want: Learn to Code 2017 Bundle



Pay What You Want: White Hat

How to find out what Trump's favorite big data machine knows about you

Voter
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Cambridge Analytica is a **dirty**, that provided the analysis and g in its electioneering; because its (under EU law) to send you its c

Various privacy advocates have comply with UK privacy rules f **ed obeying the law**, and **Person** roadmap for forcing the compa on us and the psychological pro

TfL plans to make £322m by collecting data from passengers' mobiles via Tube Wi-Fi

Transport for London says it collects Wi-Fi connectivity data to "better understand journey patterns and improve services".

21:04, UK

Wednesday 27 September 2017



Top Stories



Defence giant BAE to axe 2,000 UK jobs



Race survey makes for 'uncomfortable reading'



Council 'poster girl' fired over terror conviction

Applause from you, Lorena A Barba, and 139 others



Paul-Olivier Dehaye

Mathematician. Co-founder of PersonalData.IO. Free society by bridging ideas. #bigdata and its #e...

Feb 13 · 5 min read

Facebook forced to disclose more information about its ad targeting

Facebook now tells each of its users which advertisers are tracking them individually through so-called Custom Audiences. This change was most likely brought by my legal actions against Facebook, conducted through PersonalData.IO. This change opens up exciting new possibilities for investigative journalism and the #MyData movement, explained below.

Original request

On December 15th 2016, I asked Facebook, through PersonalData.IO, the following:

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Race survey makes for 'uncomfortable reading'



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Mathematician. Co-founder of PersonalData.IO. Free society by bridging ideas. #bigdata and its #e

Feb 13 · 5 min read

Facebook forced to reveal information a

Facebook now tells each of us individually through so-called targeted advertising brought by my legal action at PersonalData.IO. This changes journalism and the #MyD

Original request

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Various privacy advocates have argued that companies should comply with UK privacy rules for [not obeying the law](#), and [PersonalData.IO](#) has a roadmap for forcing the companies on us and the psychological pro

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future  tense THE CITIZEN'S GUIDE TO THE FUTURE OCT. 6 2017 8:35 PM

Potential Lawsuit Could Reveal How Trump Targeted Voters on Facebook and If There's Any Connection to Russia

By April Glaser



Council 'poster girl' fired over terror conviction

Applause from you, Lorena A Barba, and 139 others



Mother Jones

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Help us raise \$350,000 by December 31 with a tax-deductible, year-end donation—or read why this moment feels so critical.

A Groundbreaking Case May Force Controversial Data Firm Cambridge Analytica to Reveal Trump Secrets

This US professor is counting on British data privacy laws to get some answers.

JACKIE FLYNN MOGENSEN DEC. 19, 2017 6:00 AM



by April Graser



Council 'poster girl' fired over terror conviction

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Le Numérique et nous par Catherine Petillon

le samedi à 8h15



3min

Qu'est-ce que Uber sait de nous ?

03/12/2016

PODCAST EXPORTER



L'application de VTC conserve désormais plus de données de géolocalisation. Uber a de plus en plus d'informations sur ses utilisateurs. Mais pour ces derniers, il reste difficile d'avoir accès à ses propres données.

JACKIE FLYNN MOGENSEN DEC. 19, 2017 6:00 AM



Mother Jones

POLITICS ENVIRONMENT FOOD

Help us raise \$350,000 by December 31

A Groundbreaking Cambridge A

This US professor is co

by April Graser



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POLITICS ENVIRONMENT

Help us raise \$350,000 by D

A Groundbre Camb

This US prof



Tinder

I asked Tinder for my data. It sent me 800 pages of my deepest, darkest secrets

The dating app knows me better than I do, but these reams of intimate information are just the tip of the iceberg. What if my data is hacked - or sold?

- Getting your data out of Tinder is really hard - but it shouldn't be



34,902

Judith Duportail

@judithduportail

Tuesday 26 September 2017 07:10 BST



gri-mes over
terror conviction

Le Numérique et nous par Catherine Petillon

le samedi à 8h15

Qu'est-ce que Uber sait de nous ?

03/12/2016

More and more urgent

- “algocracy”
 - lack of effective democratic oversight
 - lack of effective remedy
 - all worse in a “minority of one”
-
- democracy
 - education: digital literacy
 - labor issues
 - digital society more opaque to academics

Two rights

right of access
vs.
right to portability

One has democratic concerns, the other has more commercial concerns

Right to portability

The right for an individual to get a copy of the personal data they have provided in machine-readable format



Why?

- prevents lock-in
- intelligent re-use of data
- spur competition

BUT lots of unknown: data formats, frequency, data of friends,...

⇒ user-centric data silos, “PIMS” (<banks, insurance, telco)

⇒ reputation economy

⇒ hackathons, education (data science), journalism

⇒ smart city, healthcare, etc

Challenge to governments

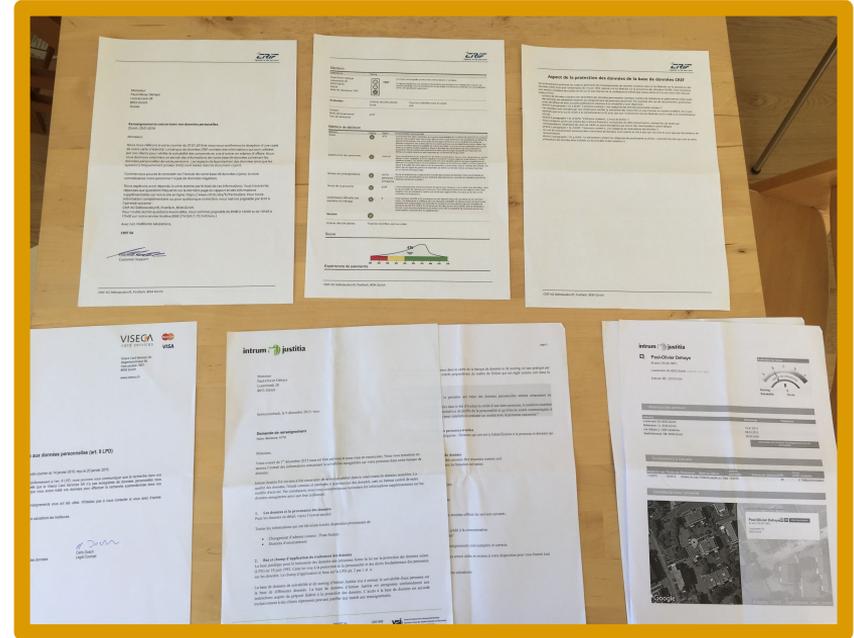
- state-held data

But very specific to governments:

- identification
- authentication

⇒ very complex

- How do I prove I am me?
- How do I prove I have rights over some data?
- How do we prove who we are?
- ... without disclosing more than truly necessary?



Past failures

Facebook asks users for nude photos in project to combat 'revenge porn'

In Australia pilot effort, company will 'hash' images, converting them into digital fingerprints that prevent any other attempts to upload the same pictures



▲ Facebook is working with an Australian government agency to pilot the technology. Photograph: Anadolu Agency/Getty Images

WhatsApp Inc + Add to myFT

WhatsApp sends message with tougher data rules for under 16s

App's younger users face bans in response to new EU regulations



© Reuters

Nic Fildes in London and Mehreen Khan in Brussels APRIL 25, 2018

10

Singapore MyInfo



Singapore Government
Integrity · Service · Excellence

MyInfo api beta

What is MyInfo

Designed by the Government, MyInfo is a service that enables citizens and residents to manage the use of their personal data for simpler online transactions.

Users control and consent to the sharing of their data, and can view a record of past usage.

MyInfo users will enjoy less form-filling and a reduced need for providing verifying documentation during online transactions.



- NRIC/FIN
- Principal Name
- Sex
- Date of Birth
- Alias Name
- Hanyu Pinyin Name
- Hanyu Pinyin Alias Name
- Married Name
- Residential Status
- Race
- Secondary Race
- Dialect
- Passport No.
- Passport Expiry
- Nationality
- Country of Birth



- Mobile Number
- Home Contact Number
- Email Address
- Registered Address
- Type of HDB
- Type of Housing
- Mailing Address
- Billing Address



- Yearly Assessable Income
- Year Assessed
- Ownership of Private Residential Property
- CPF Contribution History (up to 15 months)
- CPF Account Balances
- Monthly Household Income



- Occupation
- Name of Employer
- Highest Education Level
- Year of Graduation
- Name of School Attended



- Marital Status
- Marriage Date
- Divorce Date
- Relationship Data



- Vehicle Number

Summary

- **citizens will expect this**
- **many interests align to want them to:**
 - civil society (academics, education, journalism,...)
 - workers/trade unions in the case of gig work
 - governments to prevent economic centralisation
 - governments to prevent strategic weakness
- **governments have very specific role in identification**
- **later steps taken over by other trusted entities (banks, telcos,...)**



Merci!

paulolivier@personaldata.io

PERSONALDATA.IO