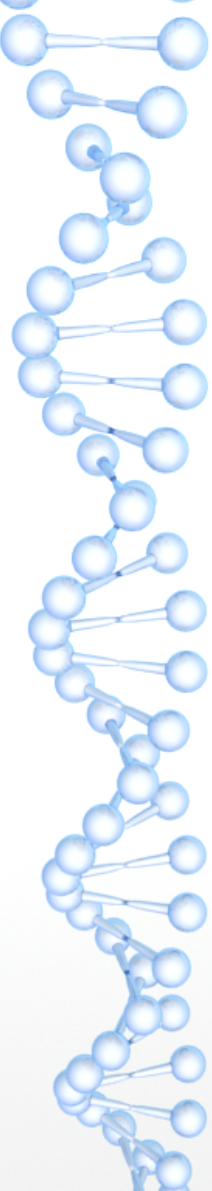




Take Back Your Data

Personal Information Security Practices

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What did they take?

- Internet searches you make
- Websites you visit
- Texts and IMs and emails
- Locations you visit (and when)
- Pictures you upload
- Videos you watch
- Your DNA (23andMe etc.)
- ...



Why do they do it?

- “Give you better results!”
- “Protect you from bad websites!”
- “Offer text prediction services!”
- “Tell you when to leave for work!”
- “Tag you in your friend’s photos!”
- “Recommend’ other shows!”
- “Show you where your ancestors lived!”
- ...



Why do they *really* do it?

- Show you ads
- Sell your data to other advertisers
- Manipulate you via ads
- Make incredible profits off *your* data
- Because they can!



Why should you care?

- You (probably) didn't consent.
- Seriously, did you read those Terms and Conditions?
- What about the Privacy Policy?
- What about the policies of their affiliates?
- You've been duped!



Who does this?

- Google (the search engine)
- Chrome (from Google) / Comcast / AT&T
- Gmail (Google) / Facebook
- Android (Google) (and any app on it, so, Facebook)
- Facebook / Google Photos / Instagram (Facebook)
- YouTube (Google) / Netflix / LG etc.
- 23andMe / AncestryDNA
- ...



Take Back Your Data!

- The General Data Protection Regulations *kind of* helped
- At least, I received 47 privacy policy update emails
- I still didn't read them all, but I tried to delete accounts
- The GDPR just proved that *you* have to protect yourself
- There are ***three*** easy steps you can do ***today***



Switch to Firefox

- It's free software
- It's developed by a non-profit
- It's easy, and just as nice as Chrome
- It comes with built-in tracker and ad blocking!
- You can also add:
 - uBlock Origin: <https://github.com/gorhill/uBlock/> (*not* ublock.org)
 - HTTPS Everywhere: <https://www.eff.org/https-everywhere>
 - (or) DuckDuck Go Privacy Essentials: <https://duckduckgo.com/app>
 - (or) Privacy Badger: <https://www.eff.org/privacybadger>



Switch to Signal

- It's open source
- It's *always* end-to-end encrypted
- Works on Android, iOS, and desktops
- It has encrypted *group* chats with all the features
- I use it as my default texting app
- “Signal does not sell, rent or monetize your personal data or content in any way – ever.”
- <https://www.signal.org/>



Use DuckDuckGo

- Seriously, stop “Googling” everything
- Just “search” for it
- It’s honestly just as good as Google, but private
- It has awesome built-in shortcuts (bangs):
 - !gh for GitHub
 - !w for WikiPedia
 - !so for StackOverflow
 - !cpp for C++ Reference
 - And So Many More!



Honorable Mentions

- **Linux**
- Posteo and ProtonMail (email services)
- Bitwarden and KeePass (password managers)
- Nextcloud (Dropbox / Google Drive replacement)
- Brave Browser
- Wire (chat app)
- 1.1.1.1 (CloudFlare DNS)
- LineageOS (Android ROM)
- Mullvad (VPN that supports WireGuard)
- Delete Facebook!
- PrivacyTools.io