# **AI & USEC**

INFR11158/11230 Usable Security and Privacy

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# **Overview**

- Finally weeks
- Privacy issues of AI
- Recap privacy policy
- Guest lecture

### Snapchat: Snap AI chatbot 'may risk children's privacy'

() 6 October 2023





#### By Shiona McCallum

Technology reporter

Snapchat has been accused of a "worrying failure" to assess the potential privacy risks its AI chatbot poses to users - especially children - by the UK's data watchdog.

The Information Commissioner's Office (ICO) warned it could close down the My AI feature in the UK after a "preliminary investigation".

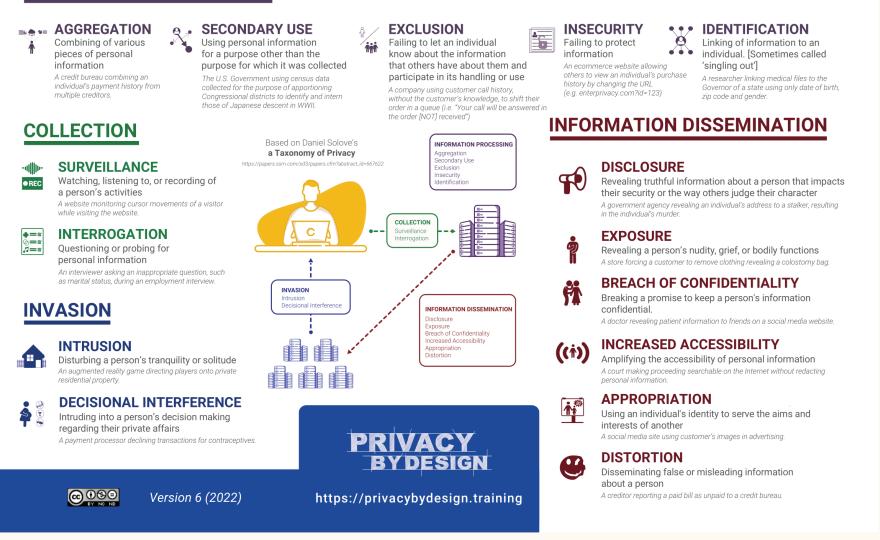
#### https://www.bbc.co.uk/news/technology-67027282

The US company said it was "closely reviewing" the provisional findings.

## Privacy risks of Al

#### A TAXONOMY OF PRIVACY

#### **INFORMATION PROCESSING**



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## Deepfakes, Phrenology, Surveillance, and More! A Taxonomy of Al Privacy Risks

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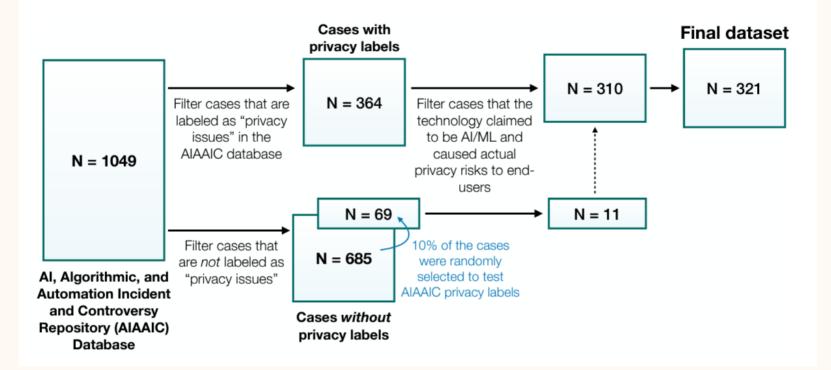


# **Objective**

- Develop a privacy taxonomy for AI privacy risks
- What's AI?
  - "perform tasks or behaviors that a person could reasonably deem to require intelligence if a human were to do it" an umbrella definition

# Method

- Materials: Al incident database
- Approach: qualitative coding and analysis
  - Top-down/deductive coding: Solove's privacy taxonomy



# **Data flow**

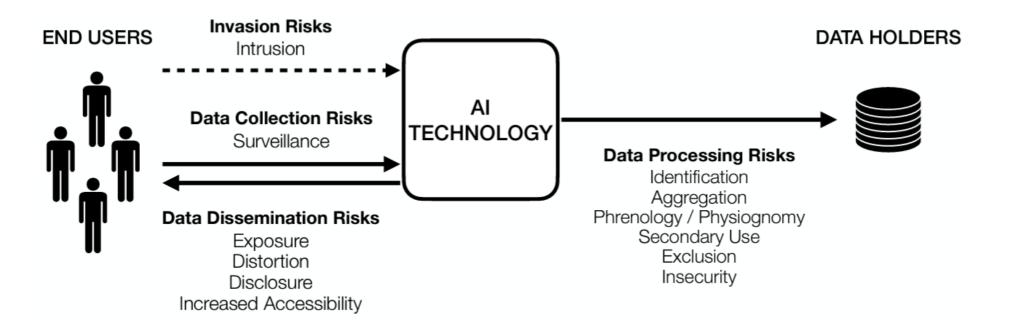
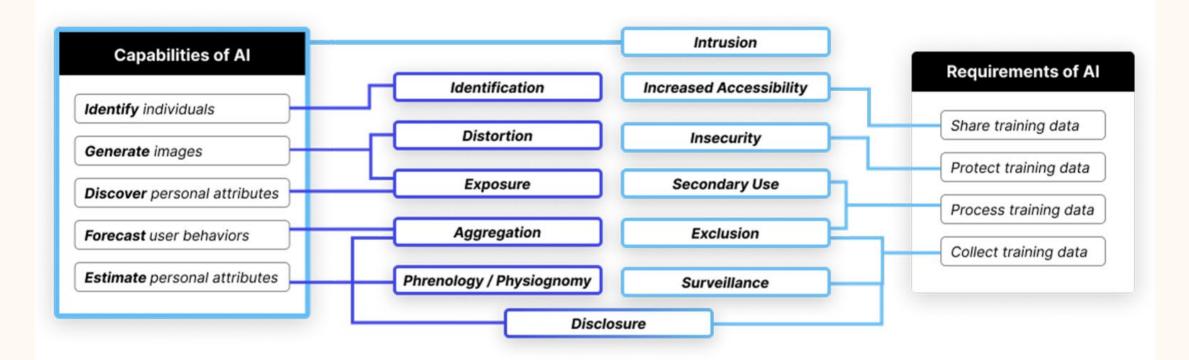


Figure 3: 12 types of privacy risks that AI technologies create and/or exacerbate relate to data collection, data processing, data dissemination, and invasion. The arrows indicate data flow (invasion risks need not involve data, but often do).



Are privacy policies easy to make?

# How to Create a Privacy Policy

## How can we do better?

Guest lecturer: Shidong Pan, PhD student @ Australian National University, (USEC, privacy policy, responsible AI & software engineering)