Introduction to open-sourcing data

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To wrap-up activity

- Pay your MTurk workers
- document and release your data

https://www.youtube.com/watch?v=66oNv_DJuPc

Brief introduction into open-sourcing your data:

- Store your data in a simple format

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- Beware of privacy

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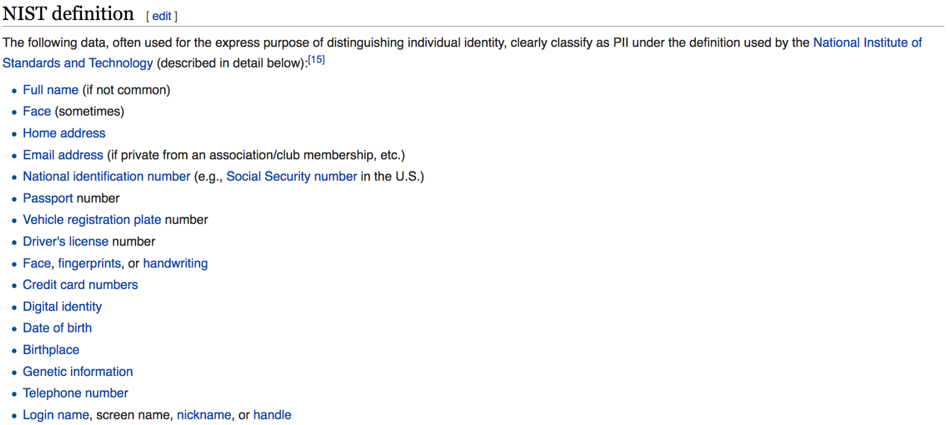
Remove personally identifying information

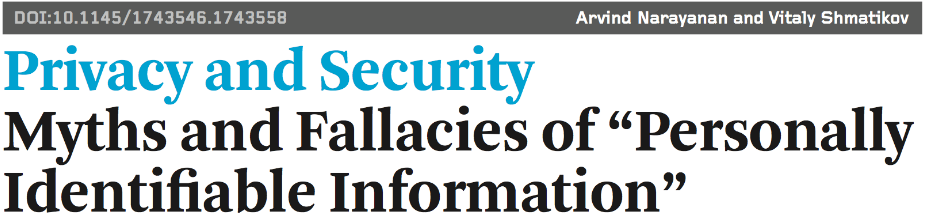


NIST definition [edit]

The following data, often used for the express purpose of distinguishing individual identity, clearly classify as PII under the definition used by the National Institute of Standards and Technology (described in detail below):[15]

- Full name (if not common)
- Face (sometimes)
- Home address
- Email address (if private from an association/club membership, etc.)
- National identification number (e.g., Social Security number in the U.S.)
- Passport number
- Vehicle registration plate number
- Driver's license number
- Face, fingerprints, or handwriting
- Credit card numbers
- Digital identity
- Date of birth
- Birthplace
- Genetic information
- Telephone number
- Login name, screen name, nickname, or handle

https://en.wikipedia.org/wiki/Personally_identifiable_information



DOI:10.1145/1743546.1743558

Arvind Narayanan and Vitaly Shmatikov

Privacy and Security

Myths and Fallacies of “Personally Identifiable Information”

http://dx.doi.org/10.1145/1743546.1743558

In this case, we recommend:

- Removing PII (name, email address, etc)
- Removing TurkID
- Coarsen age, geography, and race/ethnicity
- Coarsen timestamp
- Anything else?

For more on coarsening, see this code:
https://github.com/compsocialscience/summer-institute/blob/master/2019/materials/day4-surveys/activity/mturk_data_cleaning.Rmd

For more about de-identification, see *Bit by Bit*, Sec 6.6.2 “Understanding and managing informational risk”

In this case, you should archive your data here:
https://github.com/compsocialscience/summer-institute/tree/master/2019/materials/day4-surveys/datasets

When you start your projects next week

- plan to release your data
- plan to release your code

Questions