A TAXONOMY OF PRIVACY

INFORMATION PROCESSING



AGGREGATION

Combining of various pieces of personal information A credit bureau combining an individual's payment history from multiple creditors.



SECONDARY USE

Using personal information for a purpose other than the purpose for which it was collected The U.S. Government using census data collected for the purpose of apportioning Congressional districts to identify and intern those of Japanese descent in WWII.



EXCLUSION

Failing to let an individual know about the information that others have about them and participate in it's handling or use. A company using customer call history, without the customer's knowledge, to shift their order in a queue (i.e. "Your call will be answered in the order [NOT] received")



INSECURITY

Carelessness in protecting information from leaks or improper access An ecommerce website allowing others to view an individual's purchase history by changing the URL (e.g. enterprivacy.com?id=123)



INFORMATION DISSEMINATION

IDENTIFICATION

Linking of information to a particular individual A researcher linking medical files to the Governor of a state using only date of birth, zip code and gender.

COLLECTION



SURVEILLANCE

Watching, listening to, or recording of an individual's activities A website monitoring cursor movements of a visitor while visiting the website.



INTERROGATION

Questioning or probing for personal **information** An interviewer asking an inappropriate question, such as marital status, during an employment interview.

Based on Dan Solove's A Taxonomy of Privacy

https://papers.ssrn.com/sd3/papers.cfm?abstract_id=667622

COLLECTION

Surveillance

Interrogation

Decisional Interference

INVASION

Intrusion

INFORMATION **PROCESSING** Aggregation

Secondary Use Identification Insecurity Exclusion

INFORMATION

Appropriation

Disclosure

Exposure

Blackmail

Distortion

DISSEMINATION

Breach of Confidentiality

Increased Accessibility



DISCLOSURE

Revealing truthful personal information about a person that impacts the way others judge their character or their security A government agency revealing an individual's address to a stalker, resulting in the individual's murder.



EXPOSURE

Revealing an individual's nudity, grief, or bodily functions A store forcing a customer to remove clothing revealing a colostomy bag.



BREACH OF CONFIDENTIALITY

Breaking a promise to keep a person's information **confidential** A doctor revealing patient information to friends on a social media website.



INCREASED ACCESSIBILITY

Amplifying the accessibility of personal information A court making proceeding searchable on the Internet without redacting personal information.



BLACKMAIL

Threatening to disclose information A dating service for adulterers charging customers to delete their accounts.



APPROPRIATION

Using an individual's identity to serve the aims and interests of another A social media site using customer's images in advertising



DISTORTION

Disseminating false or misleading information about an individual A creditor reporting a paid bill as unpaid to a credit bureau.

INVASION



INTRUSION

Disturbing an individual's tranquility or solitude An augmented reality game directing players onto private residential property.



DECISIONAL INTERFERENCE

Intruding into an individual's decision regarding their private affairs A payment processor declining transactions for contraceptives.





Version 4 (2020)

https://privacybydesign.training