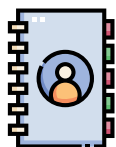


DATA DE-IDENTIFICATION GUIDE

ASSOCIATED RISKS



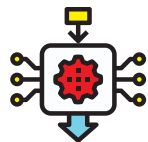
SINGLING OUT

Corresponds to the possibility to isolate some or all records which identify an individual in the dataset



LINKABILITY

Possibility to isolate some or all records which identify an individual in the dataset



INFERENCE

Possibility to deduce, with significant probability, the value of an attribute from the values of a set of other attributes

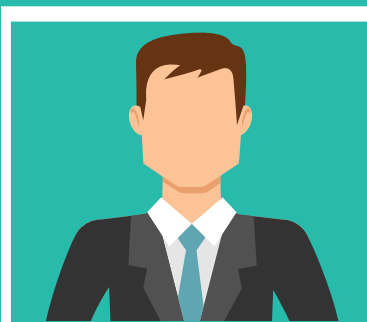


Personally Identifiable Information (PII)

Any information that on its own, or in combination with any other information, identifies or can be used to identify an individual.

ASHOK KUMAR | DOB: 01/01/1970 | MUMBAI

IDENTIFIABILITY SPECTRUM



Pseudonymisation

Information from which direct identifiers have been eliminated or transformed but indirect identifiers remain intact.

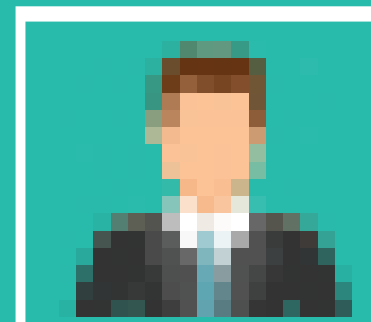
XYZ | 01/01/1970 | MAHARASHTRA



De-identification

Direct and known indirect identifiers have been removed or manipulated to break the linkage to real world identities

MALE | 1970 | MAHARASHTRA



Anonymisation

Direct and indirect identifiers have been removed or manipulated together with mathematical and technical guarantees to prevent reidentification

MALE | ADULT | MAHARASHTRA

KEY TECHNIQUES



Aggregation



Data Masking



Data Swapping



Generalization



Perturbation



Suppression