Privacy and Data
Secunty
1) What is privacy?
An auswer using Contextual Integrity (CI
- Privacy concerns information about people, individual or groups of them
- Privacy is about the ability of our judicidual to be hidden

or of hiding information about oneself

- Privacy allows to velease information selectively and coupled to a pupose

societal
norms

Privacy technology

s laws a regulation

hocomplede notions of privacy
- Privacy means that no into. flows to 3rd paties (some is desired
- Divide data into private " and "public" data (it deposeds on the context)
- Privacy means the right to

oneself

=> He icportance of confext

Det: Context means en social domain, setting, or intercetion in which in formation is transferred

Synonyms:
- sphere
- field
- event

Ex. university, family, health care

Elements to défine a context

- people - relationships and trust - traditions - values - purposes and soals
- time and place
- laws

An informational norm is charactérized by five dements and concerts au justormation flow (defined by Mese elements): « Sander) "actors"

« racipient) of Mis Info.

Plow

e information type (attributes) e transmission principle

(circumstances of the info. flow, motivation, required by law--)

Thee are two kinds of this norm:

Normative: In information norm holds in a context and describes the expectations of the subject, how they should behave.

Descriptive: In information norm describes the practice followed by the autors.

Def: Privacy as Contextual Integnty means that an information flow respects the informational norm of its context. Ex: * Blood pressure and heart rate data

... from patient to eloctor

... from Smart watch to cloud provider

... from smart watch to health
cere organisation

are all différent contexts.

* Phone books in 1990 and 2020

* Listings of car license plates in 1980 and 2020