

# Understanding the Values in the Context of Wi-Fi access data

## Introduction

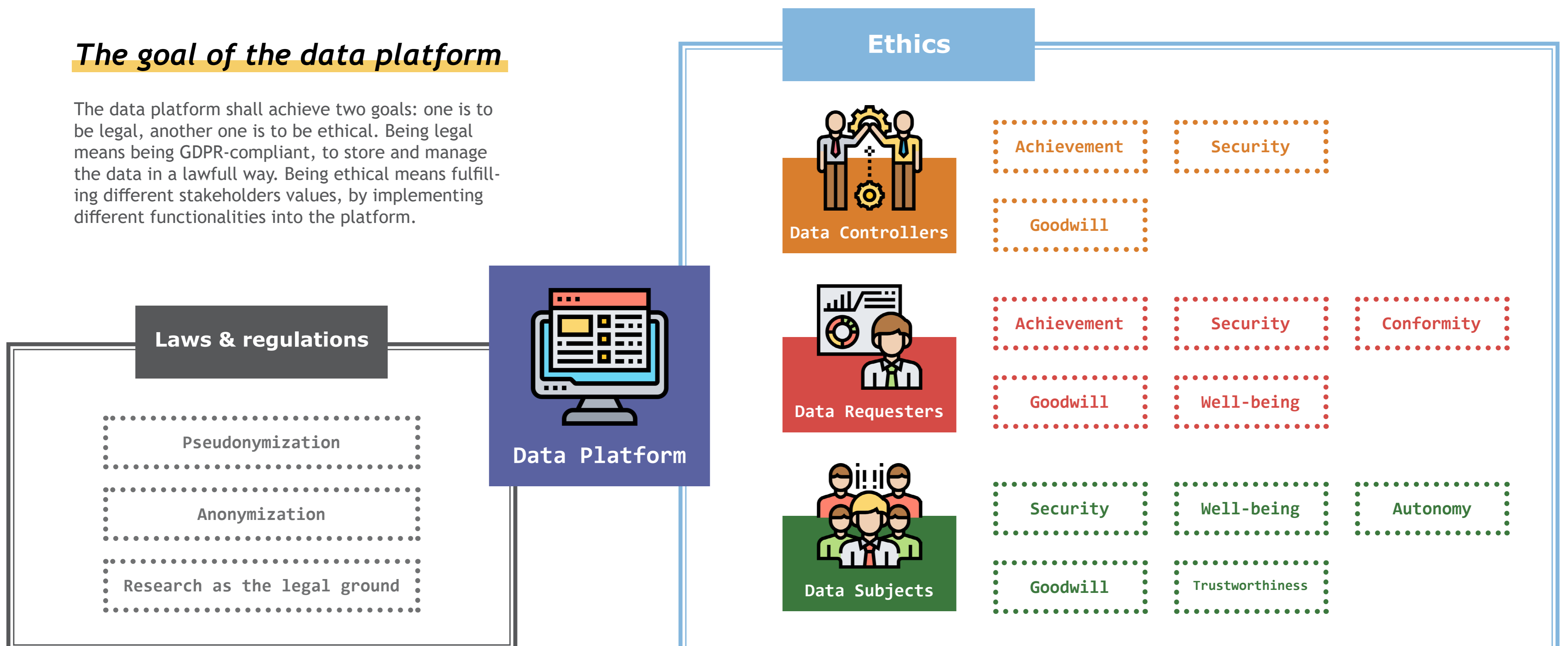
For researchers in many fields, Wi-Fi access data is a rich source to conduct a variety of research. The Wi-Fi access data helps the researchers to recognize a device's movement routine, which could be further researched as an individual or a group of people's behavior patterns. With the Global Data Privacy Regulation (GDPR) became enforceable in 2018, it sets strict rules for dealing with personal data, for example, Wi-Fi access data.

To help the researchers in TU Delft to use such personal data like Wi-Fi access data in compliant with GDPR, there is expected to be a data platform in the future, which helps to legitimate the storage and management of such personal data. However, to make the data platform only GDPR-compliant is not enough, it shall also consider ethical issues that fulfill the expectations of different stakeholders. This research project serves as a communicator between the stakeholders and the designers & developers of this platform, to help the developers understand as well as incorporate different values into the platform design. Thus, the research problem statement is:

*"How to help the developers incorporate ethics into the design of the data platform, to eventually create a value-based data platform in a multi-stakeholder context?"*

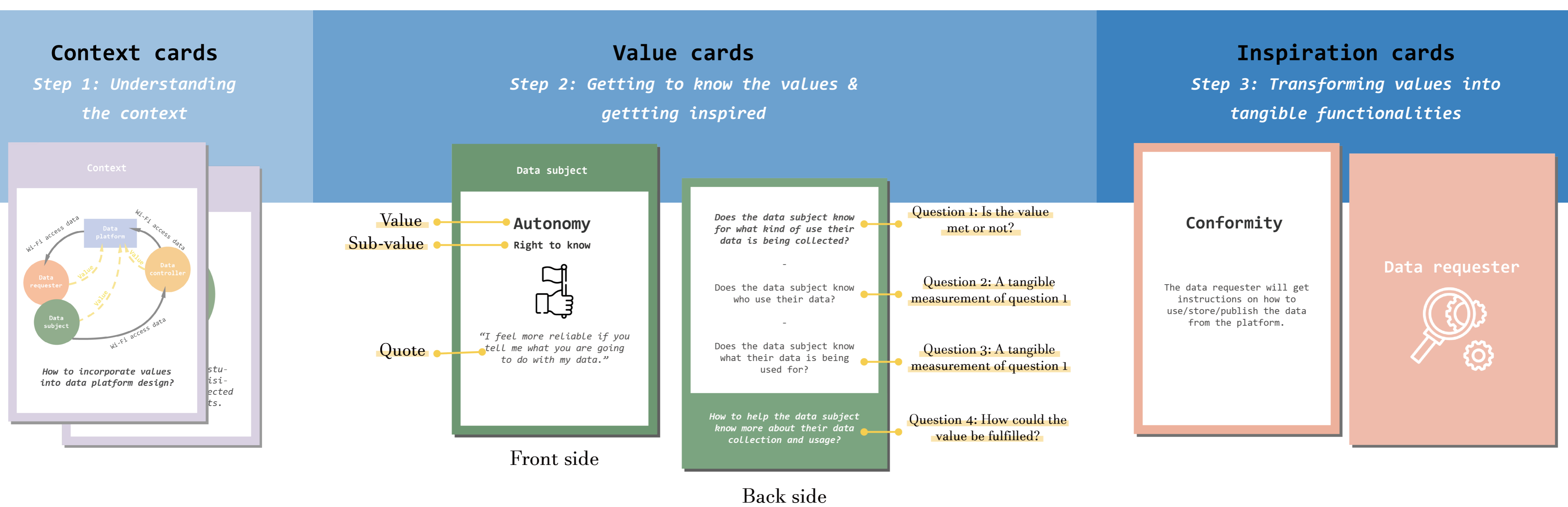
## The goal of the data platform

The data platform shall achieve two goals: one is to be legal, another one is to be ethical. Being legal means being GDPR-compliant, to store and manage the data in a lawful way. Being ethical means fulfilling different stakeholders values, by implementing different functionalities into the platform.



## Incorporating values

It is not enough to only understand the stakeholders' values; they shall be incorporated into the platform design. The cardset as the final design consists of 3 parts: *the context cards, the value cards, and the inspiration cards*, that helps the developers incorporate the values in 3 steps: *understanding the context, getting to know the values, and transforming the values into tangible functionalities*.



Xueyao Wang  
Understanding the values  
in the context of Wi-Fi access data  
Sep 26, 2019  
Strategic Product Design

Committee Jacky Bourgeois  
Kars Alfrink

