



Data Estate

Discover the capabilities of Azure Synapse

HEROES

What is a Data Estate?

Difference with a relational data model

A Data Estate

- One of the biggest differences between data warehouses and Data Estate is that data warehouses consist of pre-structured data
- This has the advantage that you get easier answers to questions such as price developments and the quantity of products sold.
- Data Estate, on the other hand, is used to collect the much larger amounts of raw (unstructured) data.
- A Data Estate can therefore have the advantage that you get easier answers to questions 'which treatment method has a greater or lesser effect on a patient's healing'.



How do you build a Data Estate?

Every big journey starts with the first step

The Data

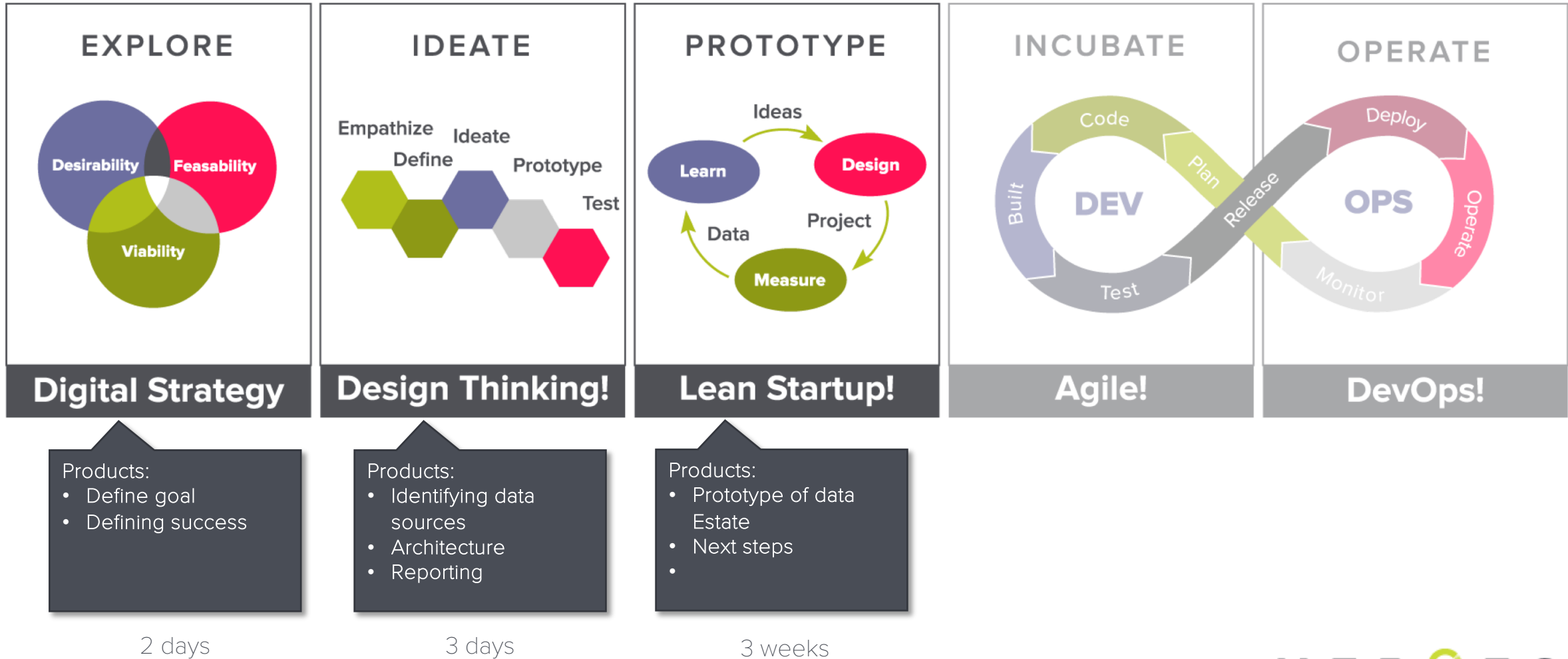
- Initially, a Data Estate is a place where you can place all the data that you want to use and study intensively.
- This can be both structured data, which is normally in databases, as well as unstructured data such as mail, medical records, text.
- It is both its own data that the organization generates and data that comes from outside and as a whole is potentially interesting to investigate.
- An important condition for building a Data Estate is therefore having data (structured and unstructured)
- Heroes has a standard approach to achieving a Data Estate. This is based on co-create with the customer

Co-Create

- Co-Create is a form of collaboration, in which all participants influence the process and the result of this process, such as a plan, advice or product. The start of the Co-Create are the first three steps in our approach (see next slide):
 - Explore
 - Ideate
 - Prototype
- These three steps are completed with a team composed of customer employees and Heroes. The result is a prototype that can be shown to the stakeholders of the customer. On this basis, it can be decided to further develop it. A new assignment will then be formulated for this.

The Heroes approach

How do you start building a Data Estate?



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The steps

What are we going to do in concrete terms?

Explore

- A Core Team of the customer and Heroes will jointly define the objectives of the prototype in a 1 day

Ideate

- Once the objectives are defined, we will determine in 3 days which resources we will initially use and which resource we will use in Azure. We will also use the data scientists to see which analysis will be carried out.

Prototype

- In these phases, we will unlock the selected sources and make them available to the customer's data scientist. Heroes will provide support in making the data and tools available.

Purpose

- After the Prototype step, a data estate has been created that can be used by Data Science for analysis purposes



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