Azure Data-Driven Scan

A Modern Data Estate Solution

InfoSupport
Solid Innovator

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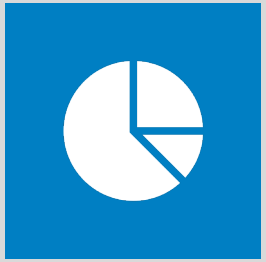
What is Data-Driven?

When a company employs a “data-driven” approach, it means it makes strategic decisions based on data analysis and interpretation.

A data-driven approach enables companies to examine and organise their data with the goal of better serving their customers and consumers. By using data to drive its actions, an organisation can contextualise and/or personalise its messaging to its prospects and customers for a more customer-centric approach.



<15% is data-driven

Less than 15% of business say their organization’s culture supports data-driven decision-making

54% lacks time

54% of businesses say that time is the resource they lack the most to process the data they collect to make data-driven decisions.

13% supports culture

Only 13% of business say their organization’s culture supports data-driven decision-making

source: https://mention.com/blog/data-driven-company/

Why should I become data-driven?

30% growth annually
Data-driven companies that harness insights across their organization and implement them are growing at an average of 30% annually

Seize opportunity
You can seize a great opportunity. Most of your competitors don’t have a data-driven mindset. By taking actions to start, you will be one step ahead.

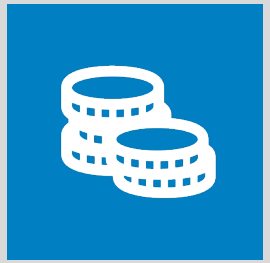
Better decisions
Making better decisions relies on our ability to process data.

Understand your customer
To better understand one's customers and to improve products and services.

Overwhelmed with data
It's tempting to think that your organizations is struggling through a lack of data, but the reality is that most of us have more than enough to make insightful decisions, but the data is poorly managed and exploited.

source: https://www.forbes.com/sites/gilpress/2019/07/08/45-numbers-highlighting-the-state-of-ai-today/

52% infra as challenge
Percentage of organizations viewing IT infrastructure as one of the biggest challenges of AI initiatives



$71 billion market
The size of the global AI market by 2024

10x more efficient
By 2025, companies that are AI leaders will be ten times more efficient and hold twice the market share of those that do not prioritize the technology

Be ready for the AI revolution

Before diving into data science, machine learning, and artificial intelligence, it's the duty of organizational leaders to make sure they are ready for AI. To derive value from data to build a better organization, you've got to have the right data platform, the right people, the right processes and – more importantly – the right mindset in place.

Challenges

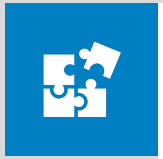
Critical obstacles must be overcome before companies begin to see meaningful benefits from their big data and AI investments. Perhaps the pursuit of short-term financial goals pushes longer-term objectives like data-driven cultures to the back burner.

Privacy regulations
Data-driven organizations are creating transparency and trust between businesses and the market. The risks of invasion of privacy is present. That's why data-driven organizations need to have a profound knowledge of new rules, like GDPR, to avoid steep fines and sanctions.

Persistent silo thinking
While most companies agree that data should be at the heart of everything they do, the majority don't have a solid, company-wide data strategy in place and continue to keep information siloed.

Lack of data integrity
Most companies already have ample data to make insightful decisions, but most of that information is poorly managed and exploited. In other words, there is a clear need for better data management and governance

Having the right skills
Companies struggle to meet the data skills requirements they need. More than just number-crunching, there is a fine art to data science. Finding the data-savvy people who understand the company and have profound technological knowledge as well is not easy.



Identifying the right technology
And finally, due to the overabundance of data solutions, many companies today are struggling to find a good fit for their specific case. Identifying the best-fitting technologies and implementing them successfully remains one of the top challenges on the road to data-driven greatness.

Data-driven scan

To identify the challenges of your organizations and to determine the business goals to improve data-driven maturity, we use a 5 step plan.

01 **Maturity Assessment & Goals**
A data-driven maturity assessment measures the current situation and is input for the workshop to determine the business drivers and goals to improve the maturity.

02 **Workshops & Scans**
Based on the goals to achieve workshops will be held to determine the requirements for privacy & security. Another workshop is focussing on the current datasets and data sources to identify improvements and additions.

03 **Interviews**
Interviews are held with key stakeholders including CIO, Architects, Operations and Business Stakeholders to identify opportunities, risks and possibilities.

04 **Blue prints & Feedback**
A standard blue print will be selected from the Info Support Blue Print catalogue that matches the desired maturity. The concept version of the plan is presented to the key stakeholders and feedback is gathered.

05 **Roadmap & Presentations**
Presentations of the proposed roadmap for the next design sprint is presented to the key stakeholders and the client.

01 Maturity Scan & Goals

STEP
01

Data-Driven Maturity Assessment

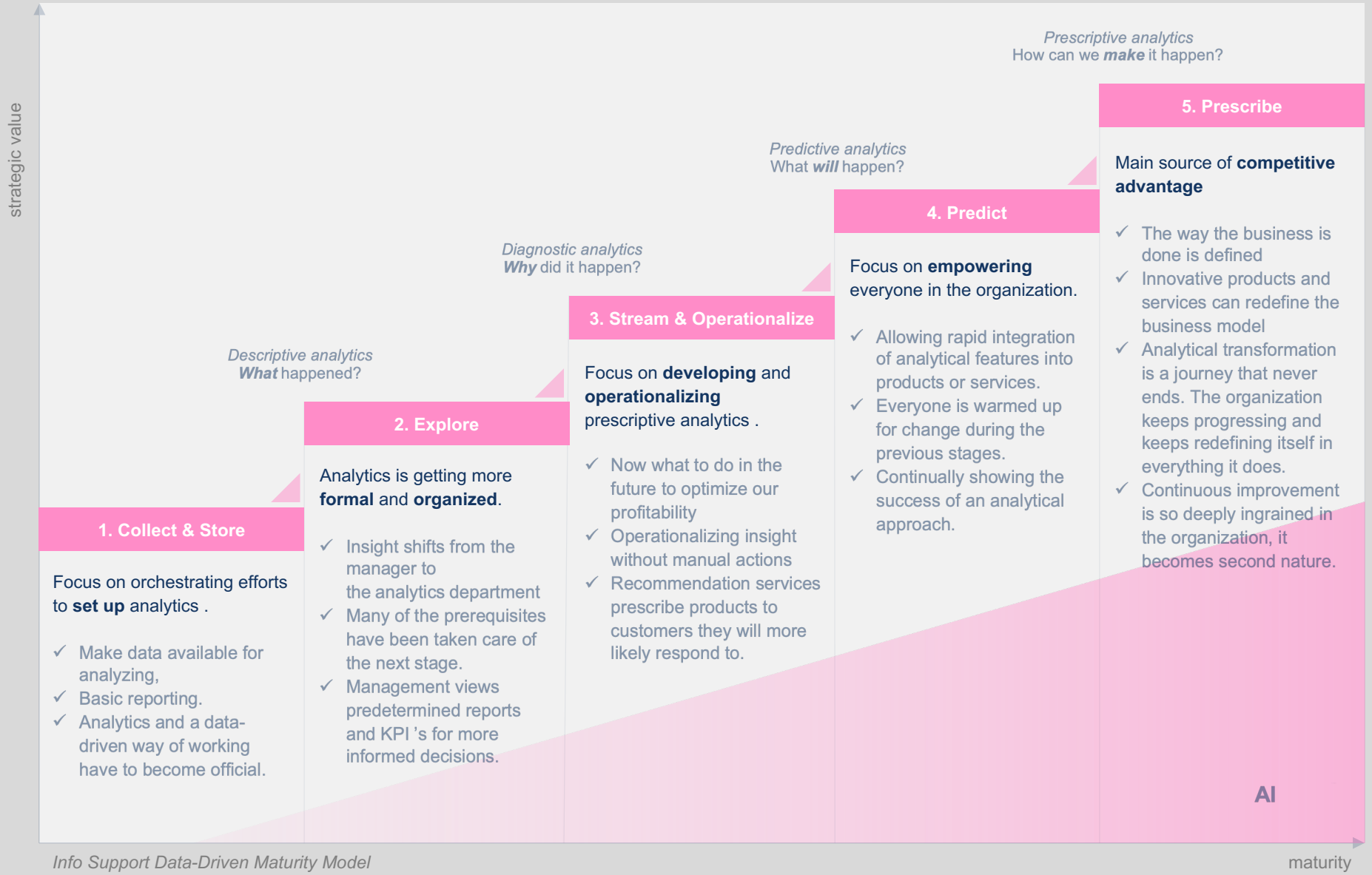
Info Support uses her Data Driven Maturity Model to assess the current maturity of the organization. 10 dimensions are assessed and are input to determine the goals and drivers for the business.

- Data
- Culture
- Metrics
- Strategy
- Skills
- Agility
- Technology
- Integration
- Leadership
- Empowerment

Data Driven Maturity Model

The outcome of the Data-Driven Assessment will be mapped to the maturity levels of the Data-Driven Maturity Model.

Guidance is provided how to reach the next level of maturity

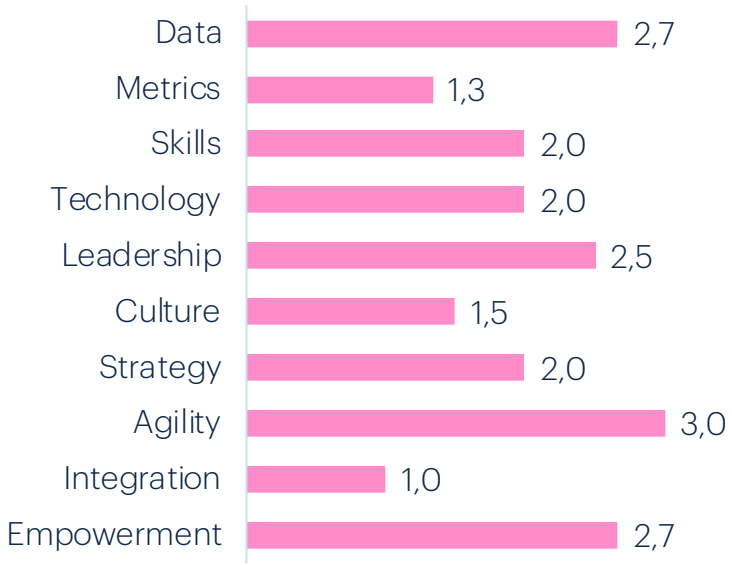


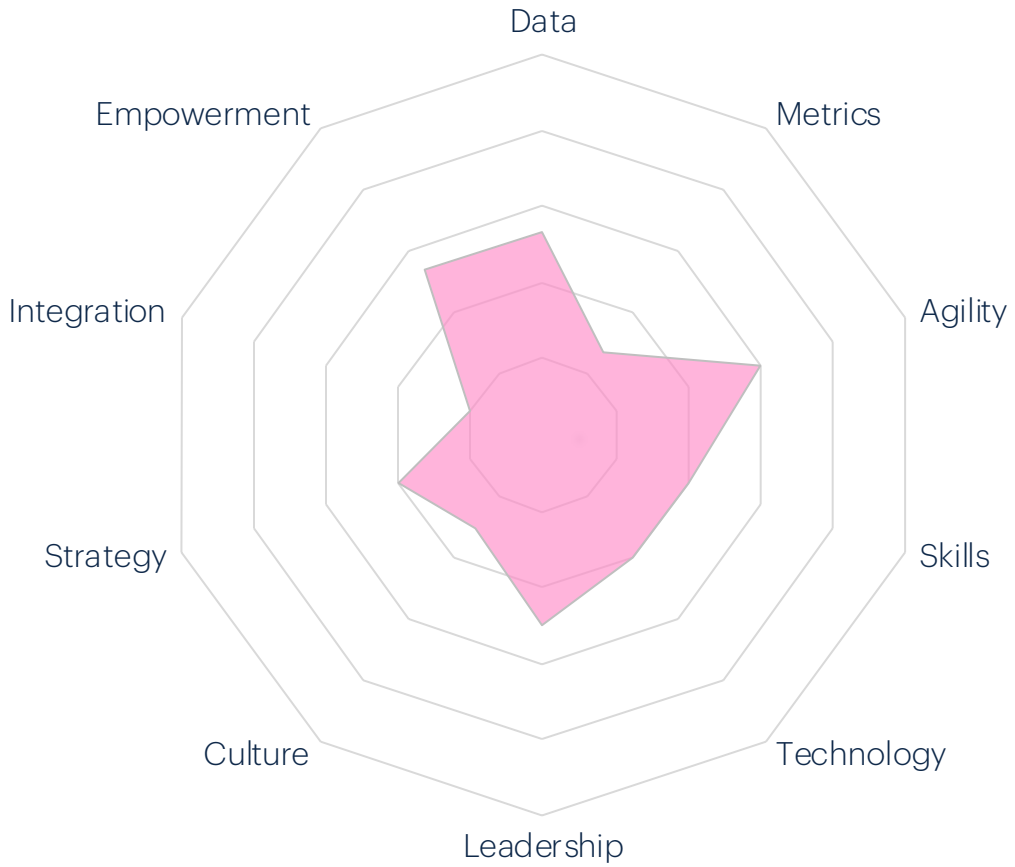
STEP
01

Data-Driven Maturity

Extensive reporting will give insight into the current maturity. The overall score determines the maturity level. Detailed scoring for each dimensions provide input for selecting individual dimensions to approve on in the Design Sprint.

For each dimension there's guidance how to improve on that dimension.





STEP
01

Workshop Goals & Drivers

Workshop to determine the business goals and what drives the business to improve on their data driven maturity. The data-driven maturity assessment is input for this workshop. The client and key stakeholders will be present during this workshop.

The assessment and the business goals and drivers are the starting point for the Azure Data-Driven Scan.

Note

The client and stakeholders are choosing the dimensions on which to focus on to improve. It's hard to improve on all 10 dimensions at once. So priorities are set at the end of the workshop.

02 Workshops & Scans

STEP
02

Privacy Quick Scan

The privacy quick scan determines the risks and gaps in relationship to the GDPR. The quick scan is a good start for Privacy by Design and provides insights to improvements for Data & AI.

Prohibitions
Consent and obligations to data processing

Principles
Six data protection principles you must comply with

Rights
Right to be informed, of access, to rectification, etc.

STEP
02

CIA Rating Workshop

This workshop is to determine the CIA rating for the desired data platform. It's an important input for selecting the data architecture and for the design sprints roadmap.

Confidentiality
Set of rules that limits access to information

Integrity
Assurance that the information is trustworthy and accurate

Availability
guarantee of reliable access to the information by authorized people

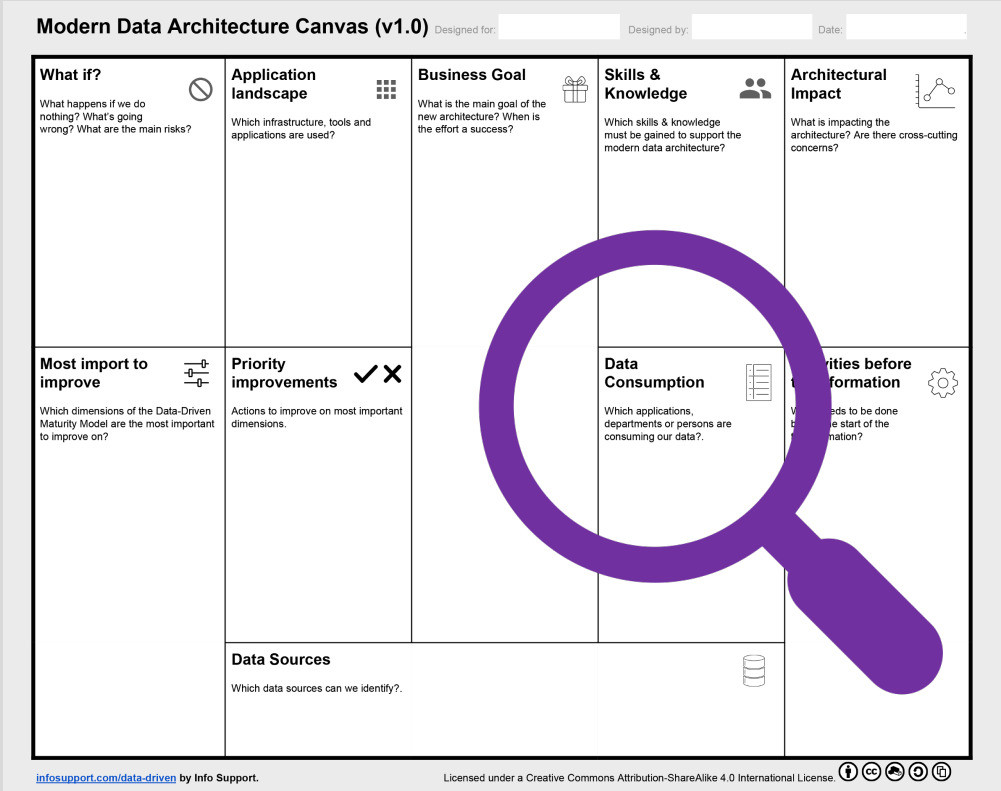
Big data poses extra challenges to the CIA paradigm because of the sheer volume of information that needs to be safeguarded, the multiplicity of sources it comes from and the variety of formats in which it exists

Workshop Data Sources & Consumption

STEP 02

The data sources and the consumption of data are relevant for the proposed data architecture. During this workshop we will cover important topics like:

- Self-Service Business Intelligence
  Form of business intelligence (BI) in which line-of-business professionals are enabled and encouraged to perform queries and generate reports on their own, with nominal IT support.
- Data Quality Levels
  Are there difference in data quality levels during data consumption? For instance real-time versus eventually consistent.



03 Interviews

Interviews

Interviews are held with key stakeholders to identify opportunities, risks and possibilities.

STEP
03

- Chief Information Officer
- Data, Software & Infra Architects
- Operations
- Business Stakeholders

The interviews give insights in the current situation of the client. It helps to get a clear image about the culture, the strong and weak spots and what really drives them. This helps to determine what needs to be done to reach the goal and desired data-driven maturity level.

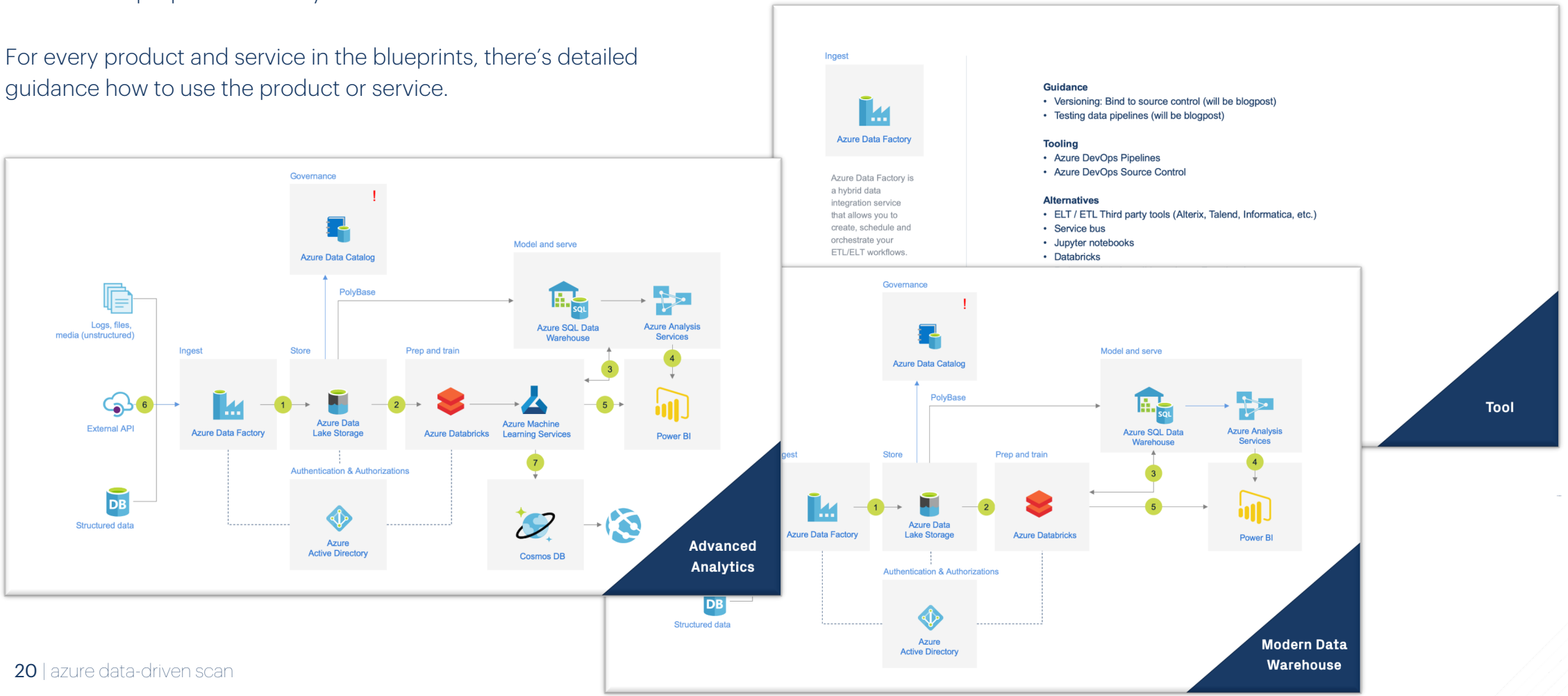
04 Blueprints & Feedback

Blueprints

STEP 04

Blueprints and guidance is provided for several use cases that matches the proposed maturity.

For every product and service in the blueprints, there's detailed guidance how to use the product or service.



Feedback

STEP
04

- Chief Information Officer
- Data, Software & Infra Architects
- Operations
- Business Stakeholders

Preliminary results and a proposed data platform architecture will be presented to the key stakeholders. Their feedback will be processed and will be input for the final roadmap for the Design sprints.

05 Roadmap & Presentations

STEP
05

Roadmap

Based on the data-driven maturity, the business drivers and goals and the interviews and scans a roadmap is presented for several Design sprints. It's an agile approach to improve on the maturity of the data platform and the dimension on which to improve on.

1st Design Sprint
Detailed planning and backlog for first sprint

Future Work
High-level roadmap for next dimensions to work on

Costs
Estimates of the costs for the roadmap

Presentations

STEP
05

Final advise and roadmap will be presented to all stakeholders.

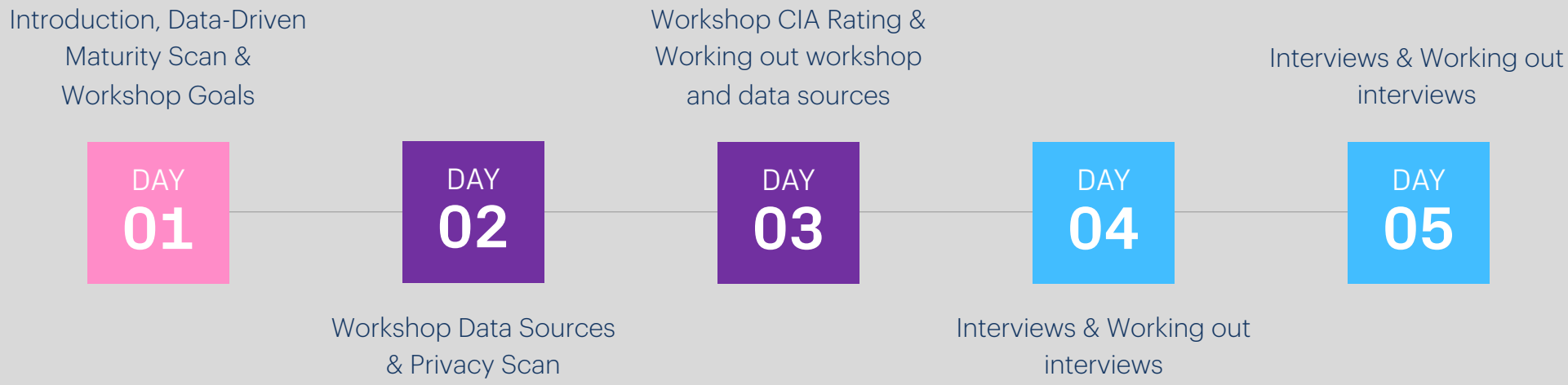
- Chief Information Officer
- Data, Software & Infra Architects
- Operations
- Business Stakeholders

Depending on the needs of the audience and stakeholders, the presentations may vary on content and level of details.

Schedule & Pricing

Schedule Week 1

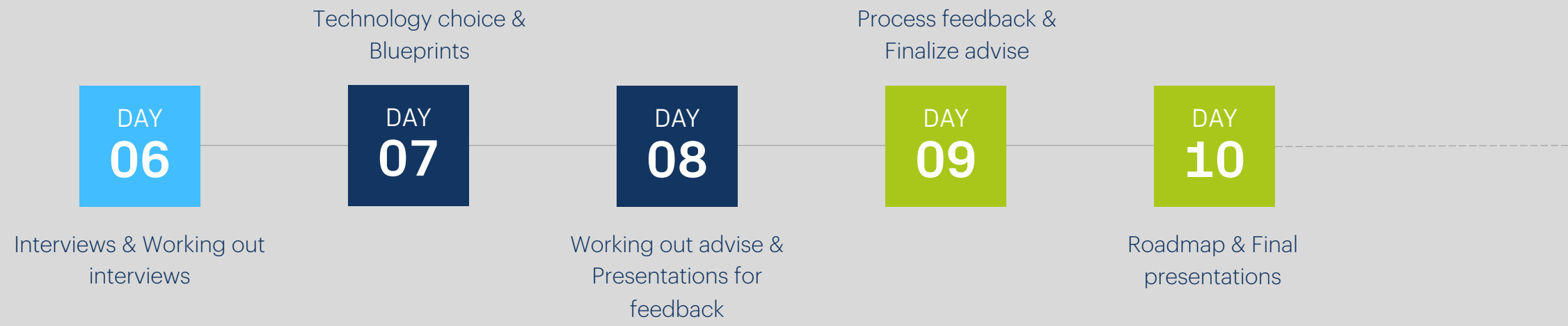
The Azure Data-Driven Scan has a duration of two weeks. This is the high level view of the first week of the scan.



Days do not have to be connected and can be scheduled as desired.

Schedule Week 2

The Azure Data-Driven Scan has a duration of two weeks. This is the high-level view of the second week of the scan.



Days do not have to be connected and can be scheduled as desired.

One year later ...

After one year we can assess the progress made on the data-driven maturity.

DAY
365

Data-Driven
Maturity Assessment

Pricing

- Lead time of 10 days
- 2 consultants
- Roadmap to Data-Driven mindset

€ 28.000

Ready to start?

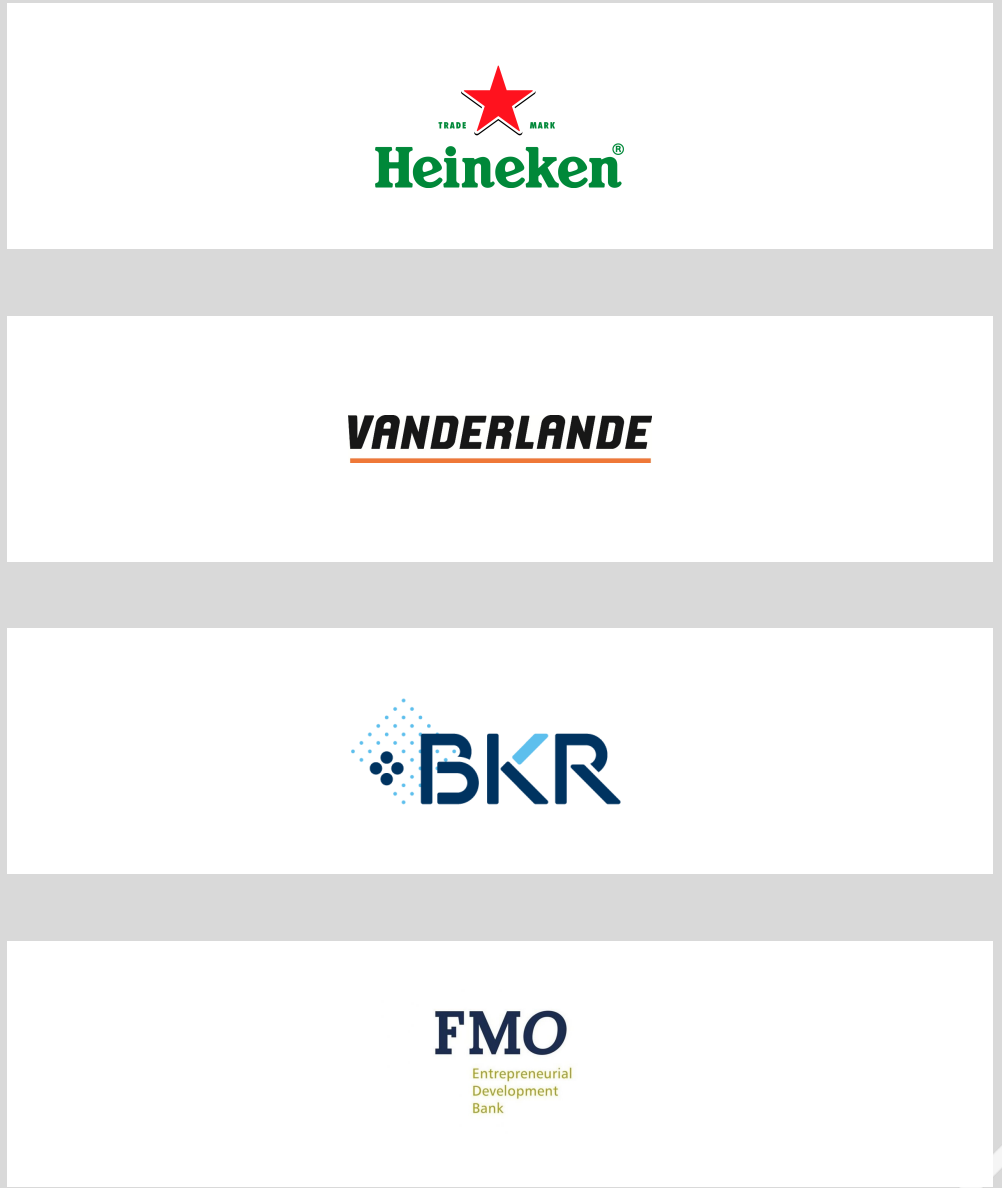
We are Info Support

Info Support is a specialist in developing, managing and hosting custom software and Data & AI and integration solutions. Our instructors also train IT professionals in using the latest software development techniques and methods. Our more than 450 consultants help our clients in industries like financial services, government, healthcare, insurance and various industrial sectors become front-runners in their markets.

- IT services since 1986
- 450 IT consultants
- The Netherlands & Belgium
- 5 Market Units
- 9.1 - Average score by trainees
- 50+ Data Courses

Our clients

We are proud to team up with these clients to make them more data-driven.



Info Support & Microsoft

Info Support is a proud Microsoft partner since 1994 and with 5 MVP's and community leaders and board members it's contributing to the Microsoft community.

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Gold Application Integration

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Gold Data Platform
Gold Datacenter

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Silver Collaboration and Content
Silver Cloud Productivity
Silver Small and Midmarket Cloud Solutions

Artificial Intelligence
MVP Microsoft® Most Valuable Professional

Azure
MVP Microsoft® Most Valuable Professional

Visual Studio & Development
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Visual Studio & Development
MVP Microsoft® Most Valuable Professional

Community Leaders

DUTCH AZURE MEETUP

dot ned
.NET gebruikersgroep Nederland

Board member

Global AI Community

Ready to start?

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