



Modelldriven analytics

Snabb och kvalitativ – är det möjligt?



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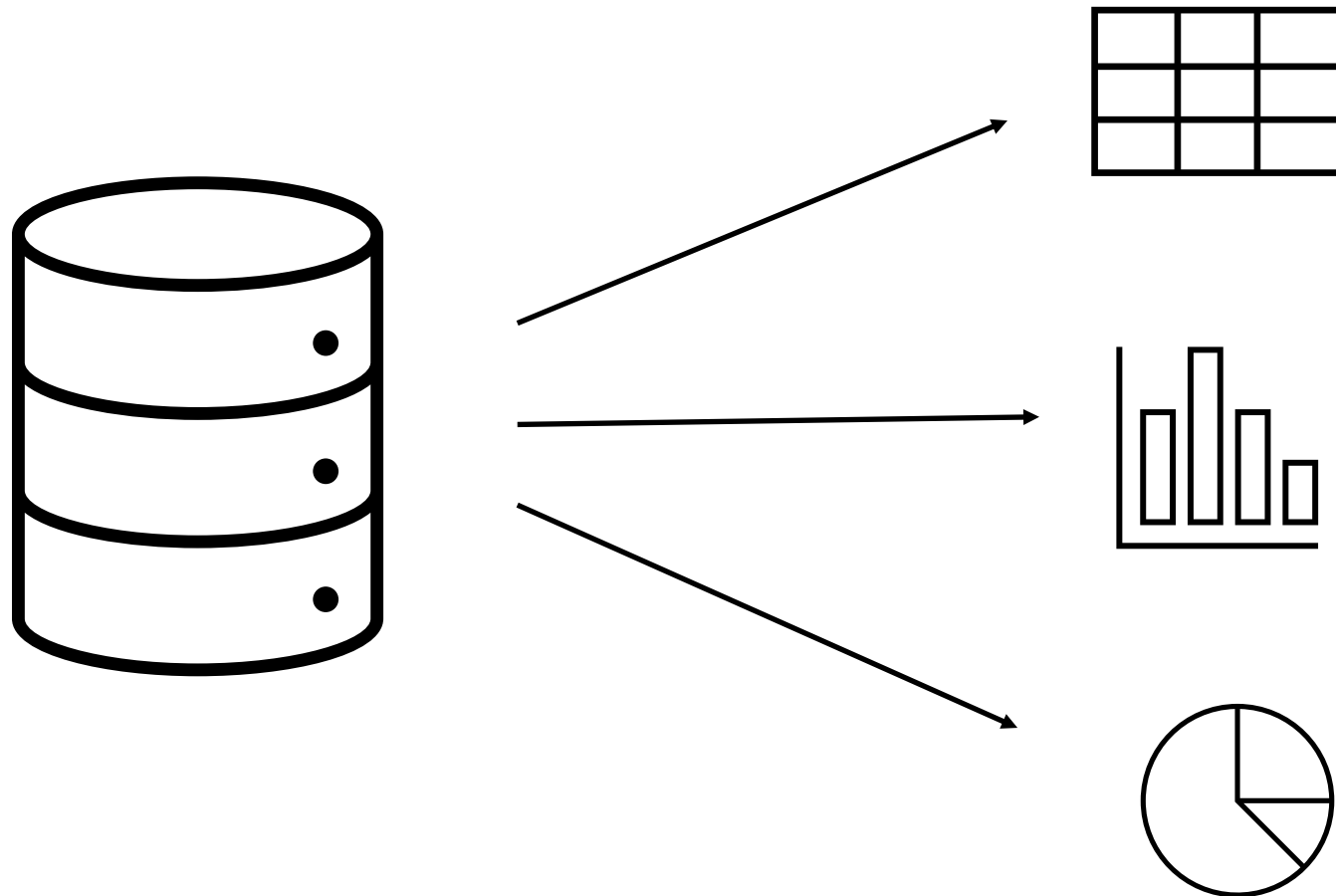
Data warehouse arkitekt, Daana



Diedrik de Jonge

Informationsarkitekt, Daana

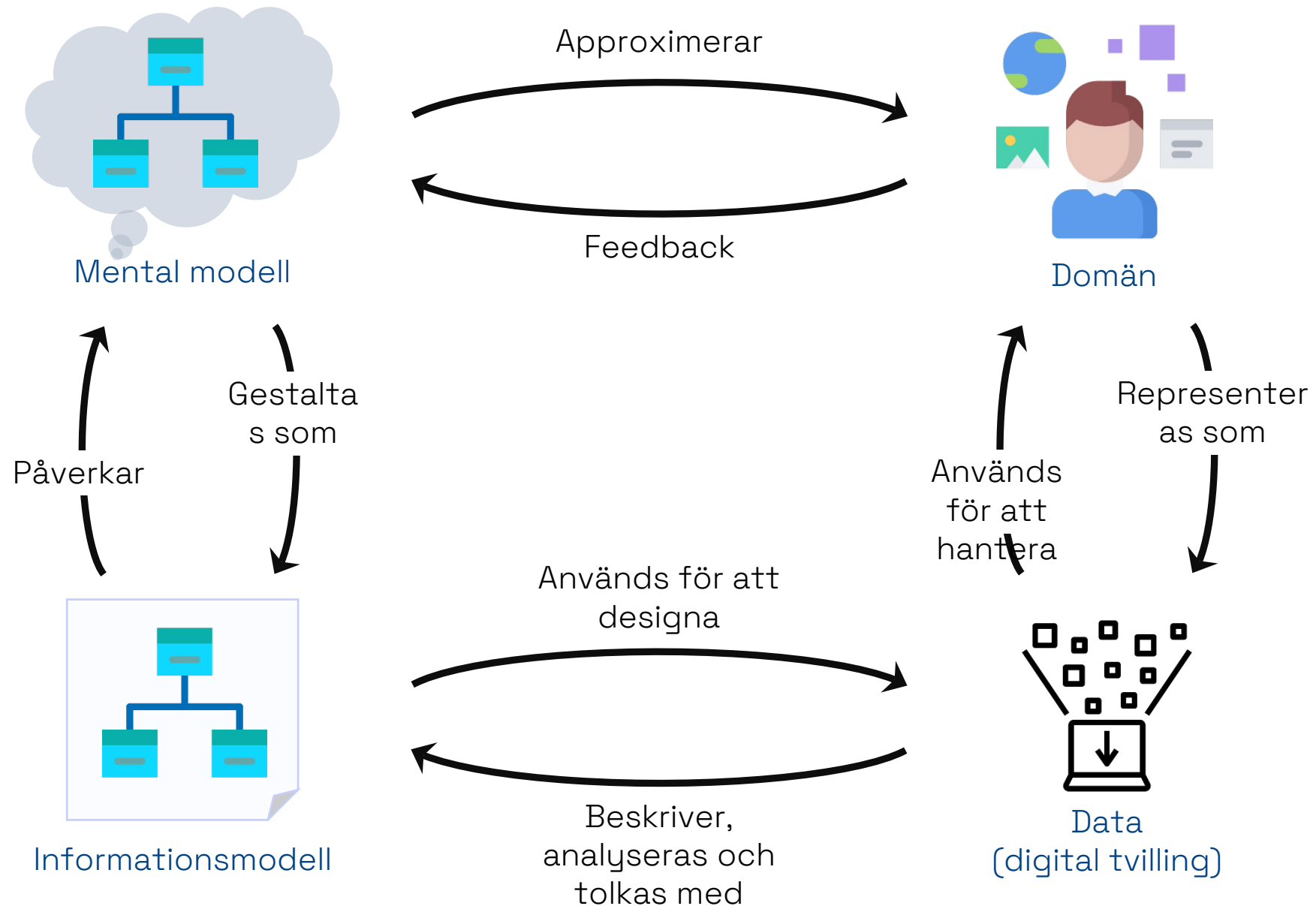
SYSTEM ~~BUSINESS~~ "INTELLIGENCE"



VAD ÄR DET EGENTLIGEN VI ANALYSERAR?

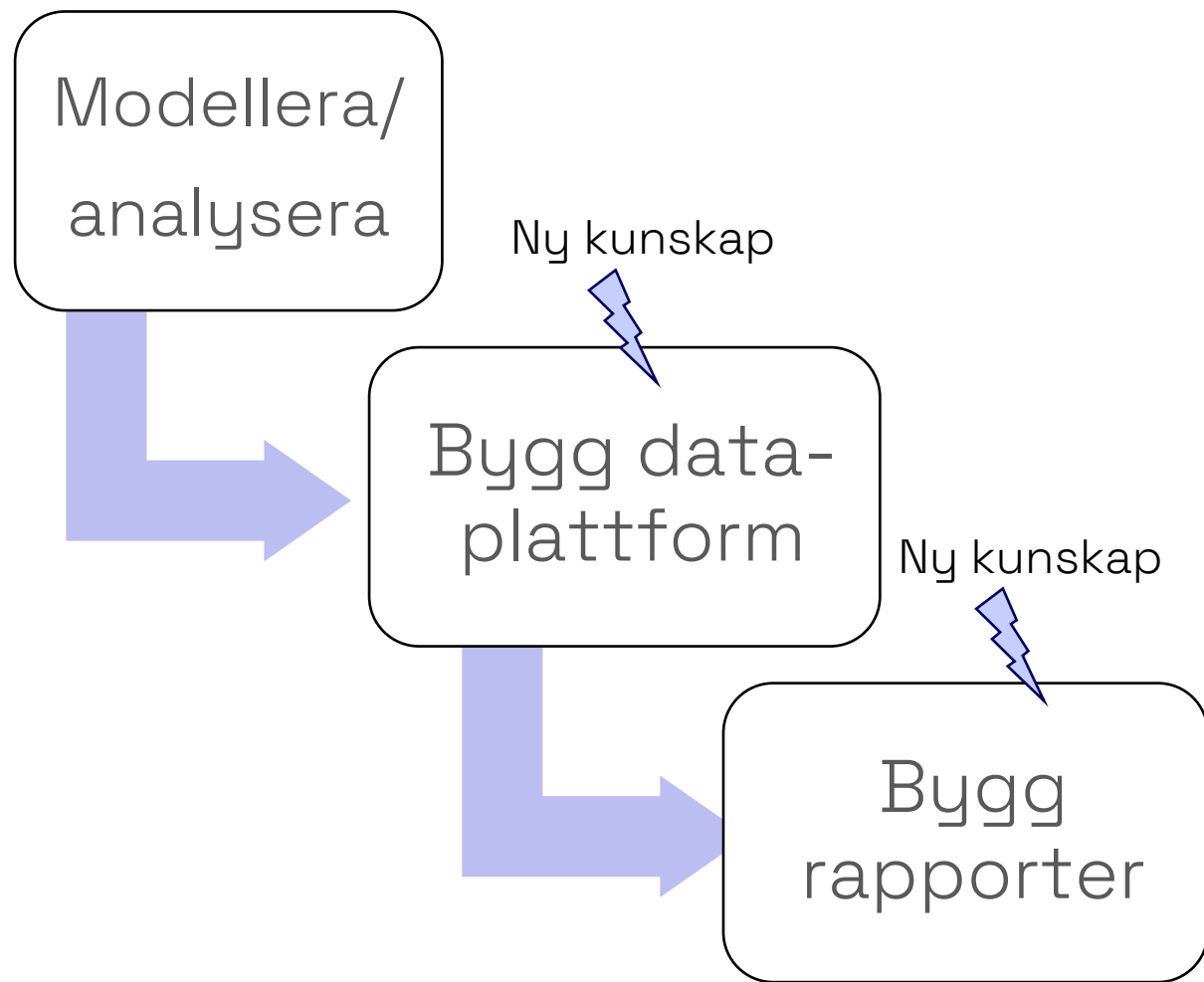


INFORMATIONSMODELL SOM GRUND FÖR ANALYS



VI MÅSTE FORTFARANDE VARA ARKEOLOGER





"Vi har inte tid att bygga om det nu"
"Jag tror inte att den där dokumentationen stämmer"

Dataplattform



Informations-
modell



HUR APPLICERAR VI AGILA PRINCIPER PÅ ANALYTICS?

- Arbetsformer
 - Rätt människor
 - Rätt kunskap
 - Snabb återkoppling
 - Inga överlämningar
- Bara nödvändig dokumentation
- Börja litet och lär oss mer på vägen





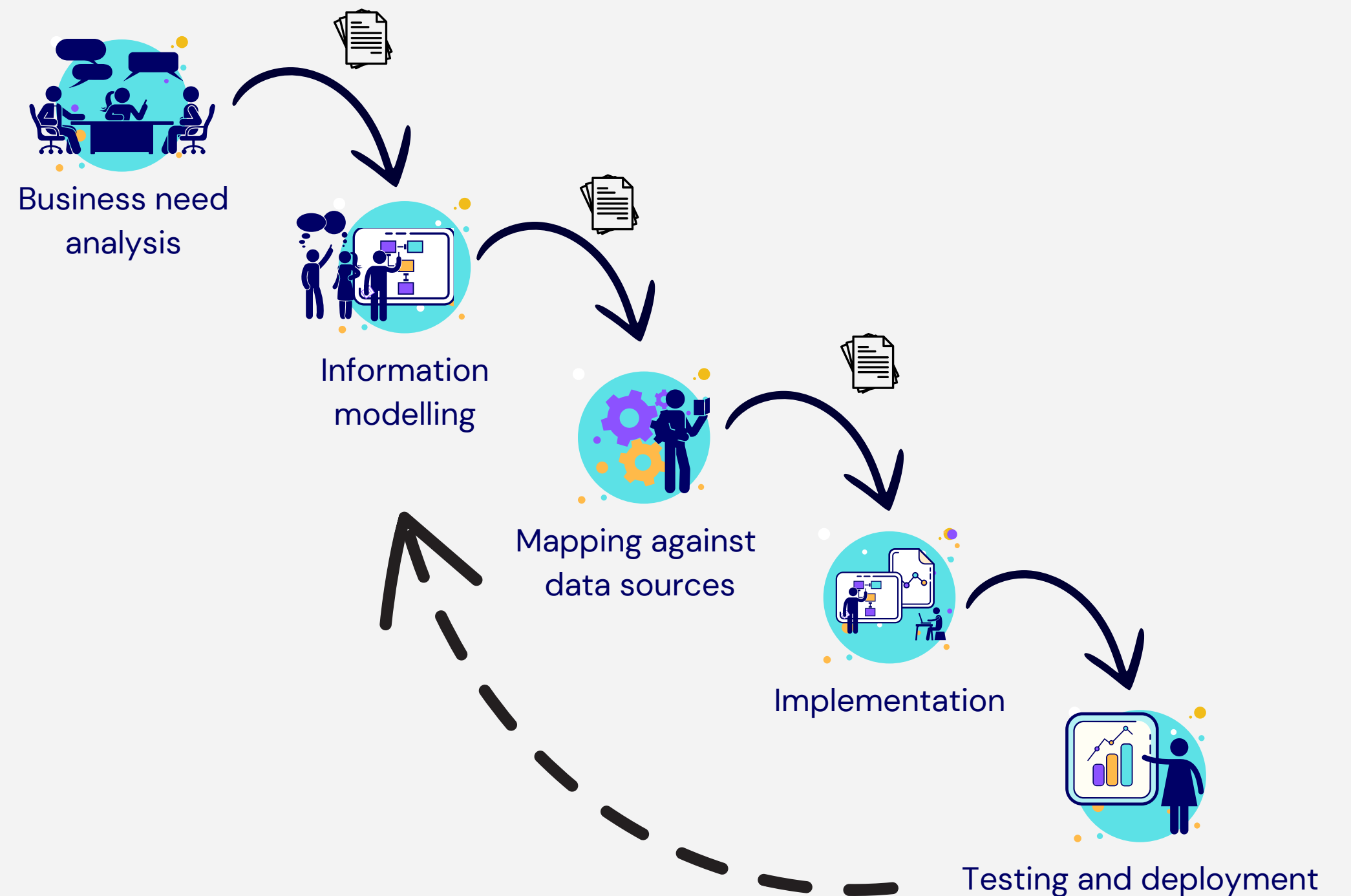
Daana

- Data Warehouse Automation Made Simple

Most data projects slip into a waterfall process

Key challenges:

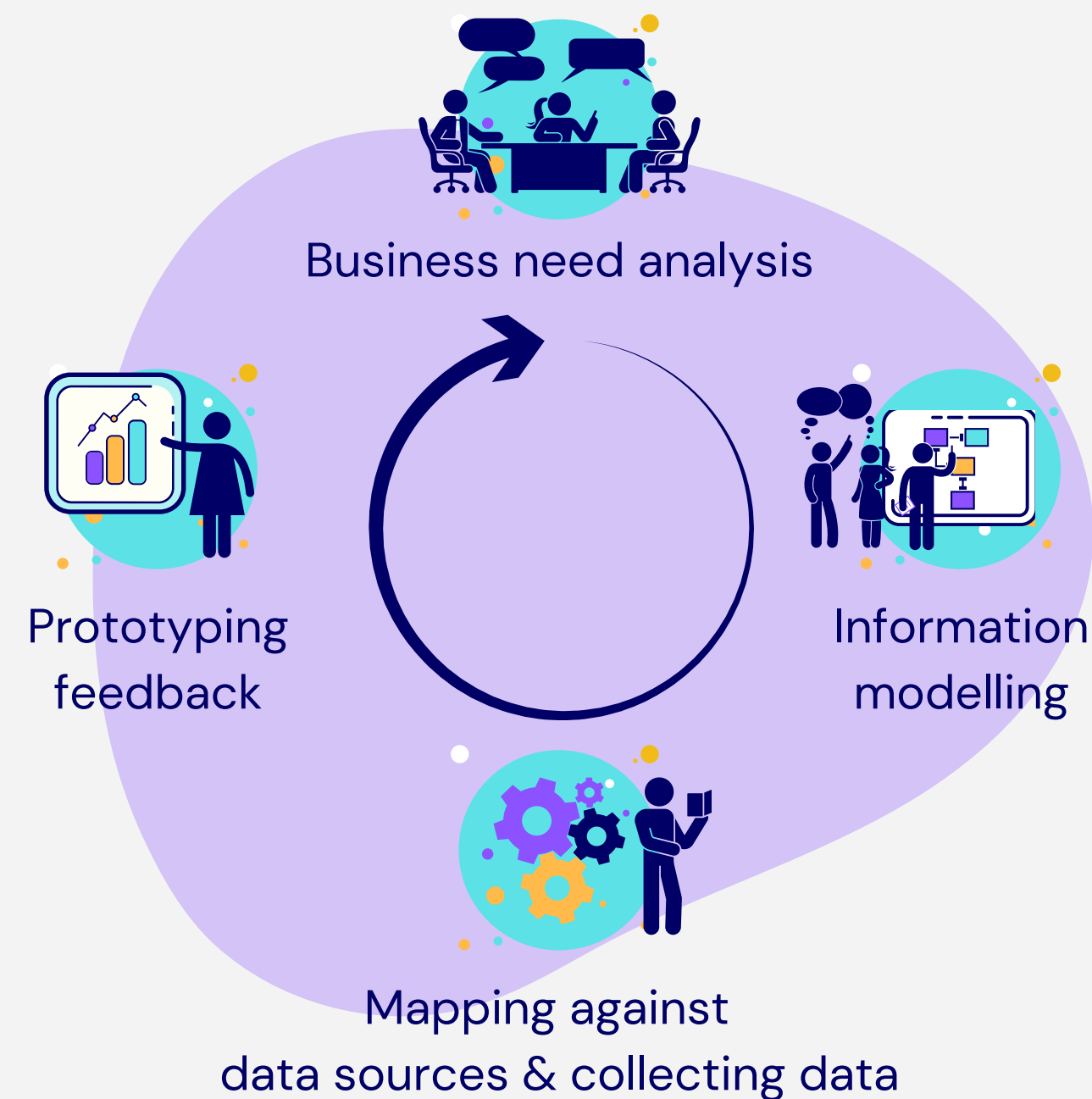
- Long time to market
- Very slow feedback loop
- Documentation and code quickly diverge



How can we work agile with data?

Core concepts:

- Work cross functionally and break silos
- Implement early
- Iterate with short feedback loops



How can we work agile with data?

Three core roles needs to work together:



Point-to-point architecture

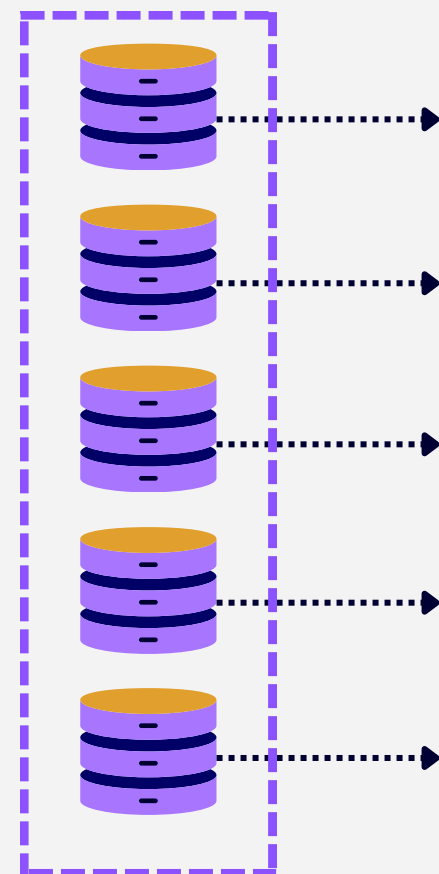
Pros

- Initially, short time to market
- Works with few data sources

Cons

- A lot of inconsistent and unreliable data in reports
- Very high level of effort to maintain & develop
- Limited ability to integrate data from multiple sources

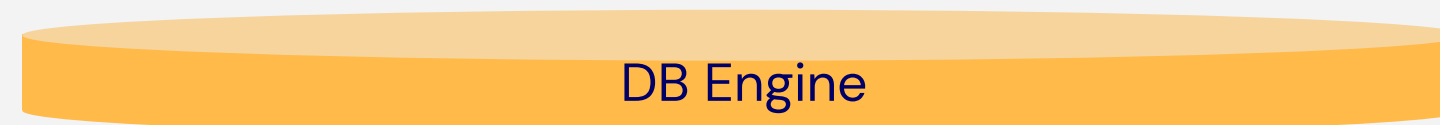
Data Sources



Data According to System



Data Consumers



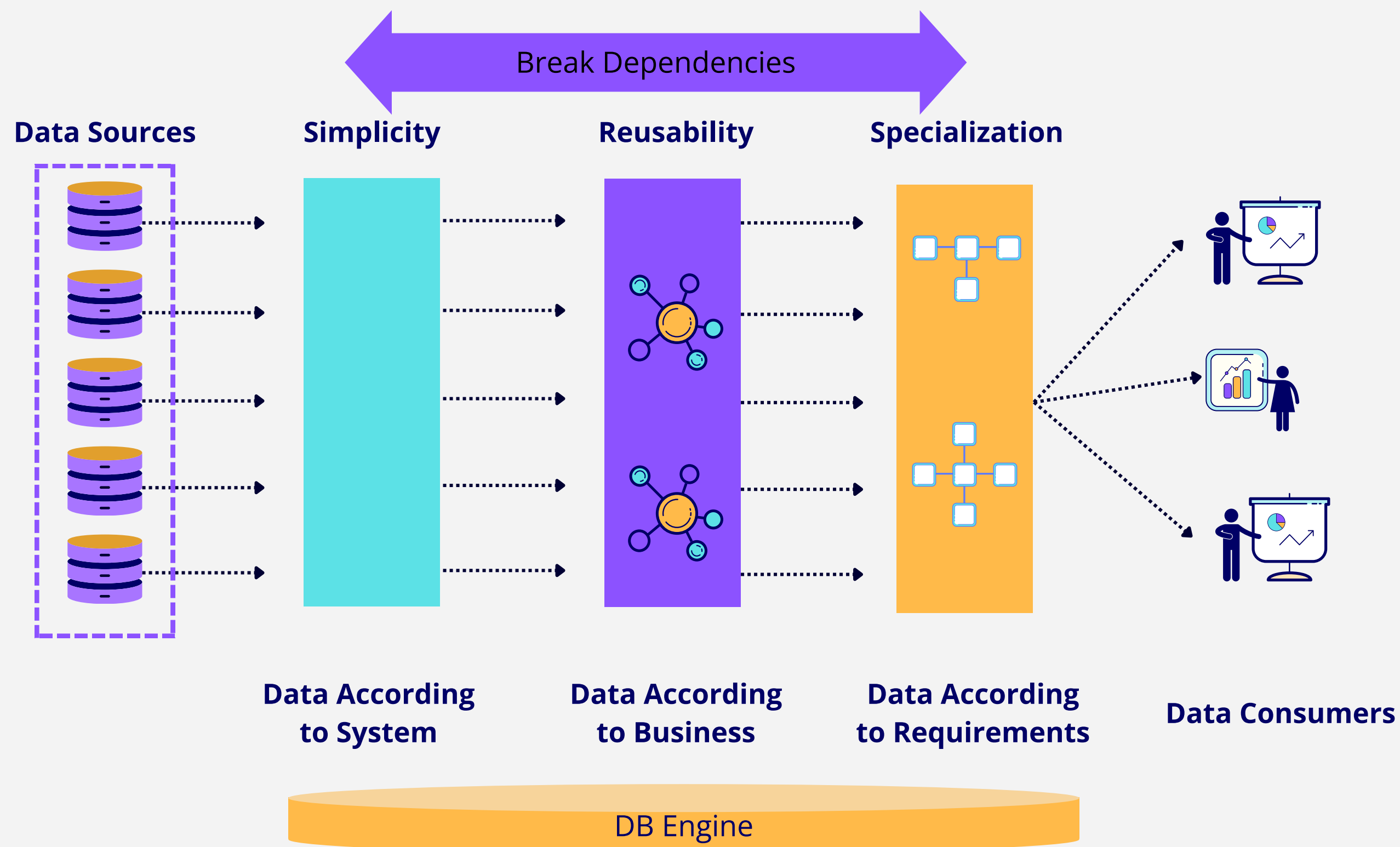
Analytical Data Storage System

Pros

- Consistent and reliable data
- Low effort of maintenance & development
- Can integrate data from multiple sources

Cons

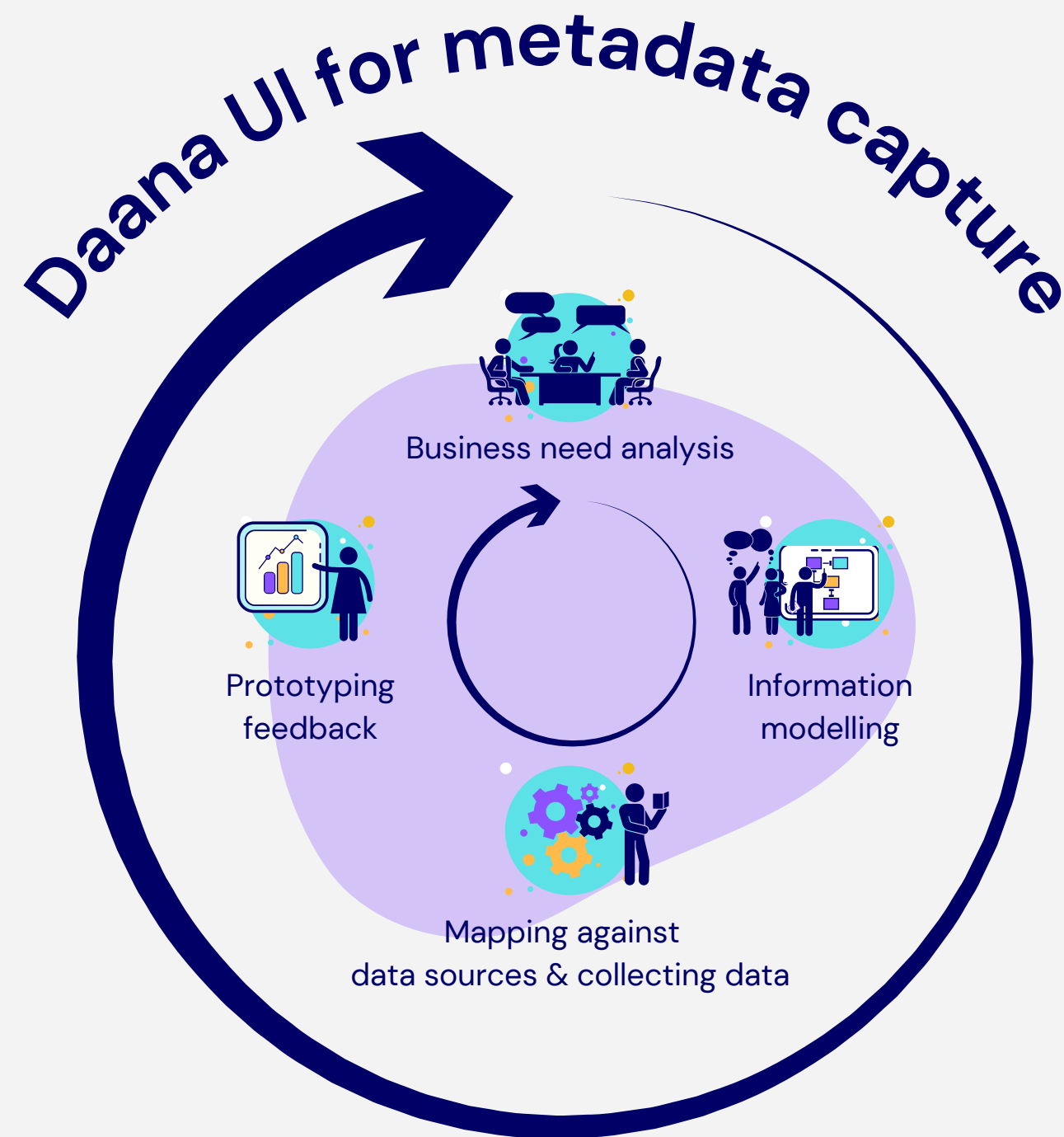
- High competency demands on team
- Rare resources to come by
- Can take long time to establish



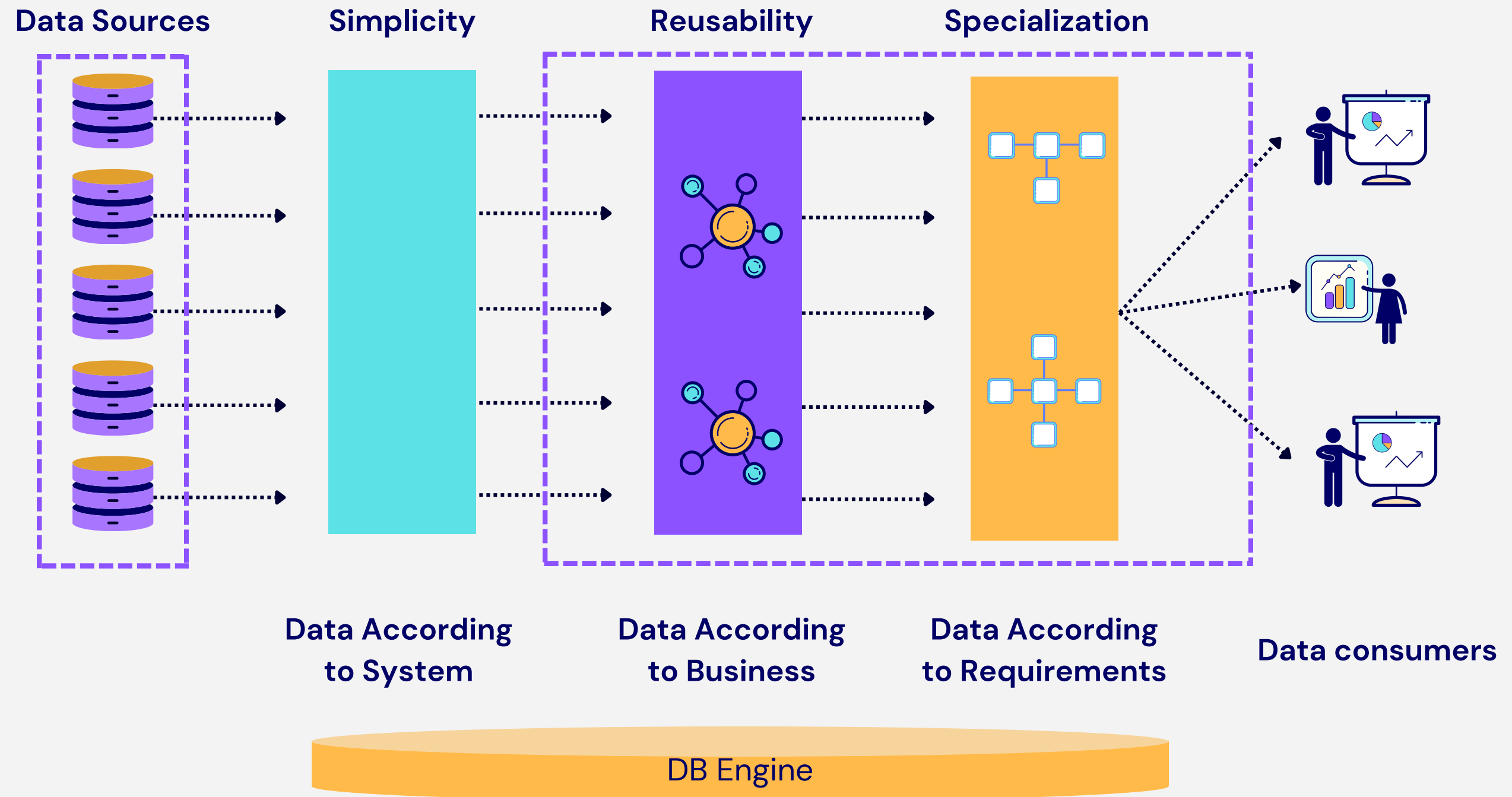
Documentation becomes implementation!

Daana becomes the natural way to document and capture the process.

The “documentation” IS the implementation, so it can never become obsolete as documentation normally quickly becomes.



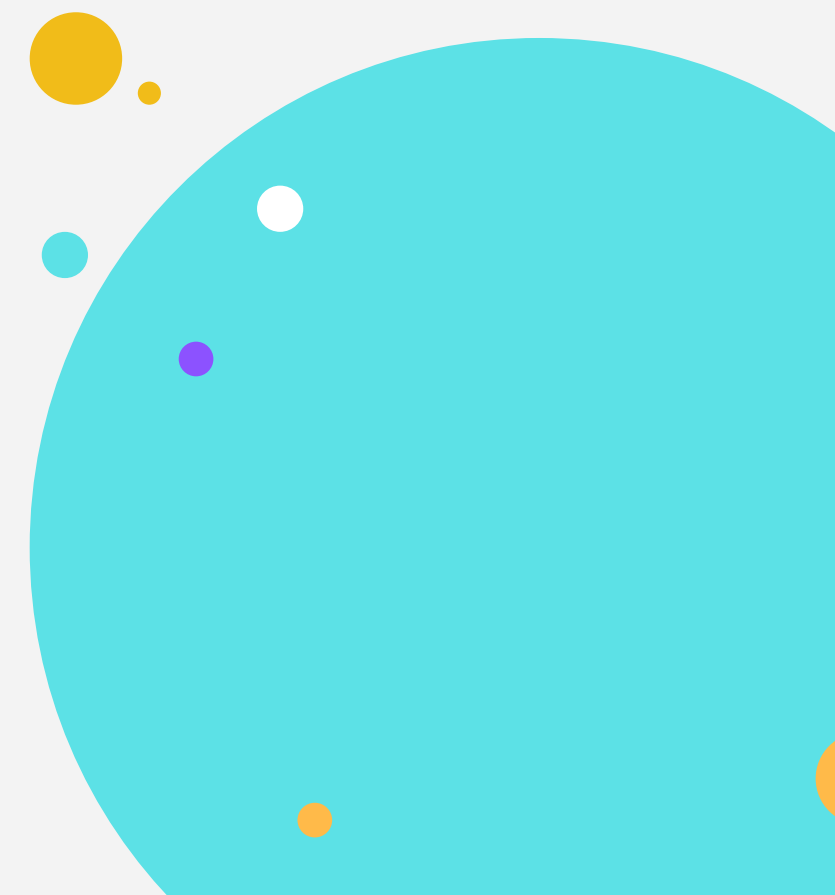
Daana automates this architecture



Let's try! Simple scenario

Enter the latest bicycle ride-sharing company. Oslo Rides!

Background: They are based in Oslo, and they let people rent bicycles at specific stations that exist in many places in Oslo. You can then return the bicycle on any of the designated stations. The time it takes from when the bicycle leaves a station until it is returned at any station, is called a Ride.



Let's do a workshop



The stakeholder
/ business
representative



The information
model expert

The IT system
expert





Contact Us

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