Workshop: A Data Hub powered by EDGY

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Bio

Rudi Claes

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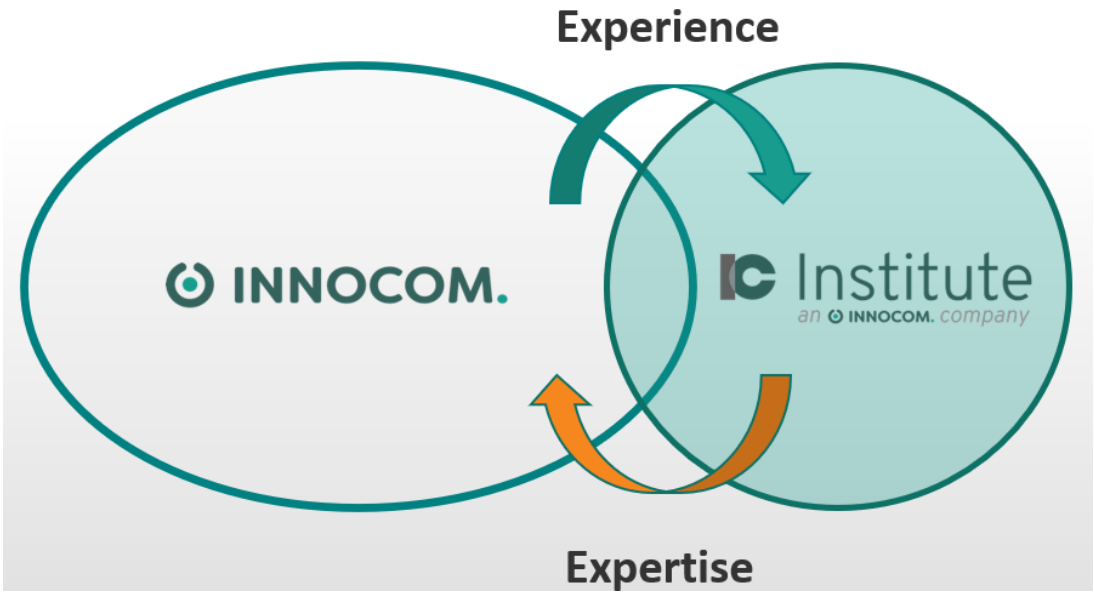

Background:

- 20+ years of experience in different Enterprise Architecture and Solution Architecture roles.
- Supporting large and medium sized organizations in their agile architecture journeys at all maturity levels.
- Guest lecturer at the IC institute on Solution Architecture and ArchiMate.

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Workshop outline

1. Case Study: A Data Hub powered by EDGY
   1. Putting data into a commonly understood context
   2. Tailoring a data management framework to the needs of all the stakeholders
   3. Assist in the design of the governance of a fit-for-purpose data architecture
2. Workshop
3. Q&A

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Case Study

A Data Hub powered by EDGY

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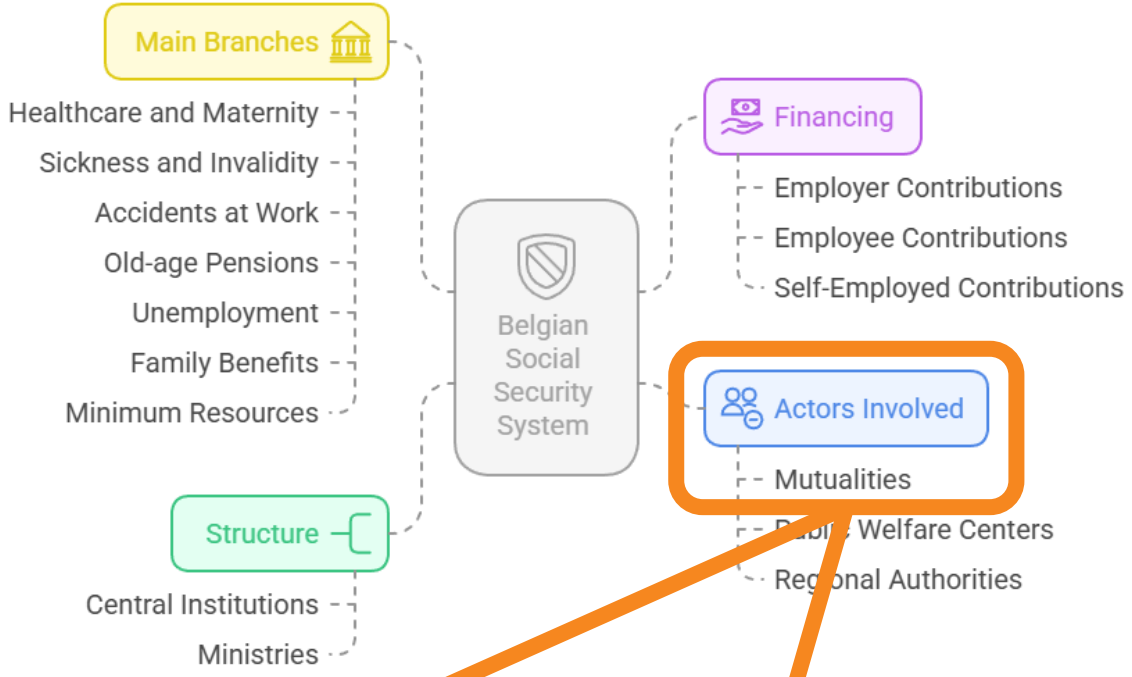
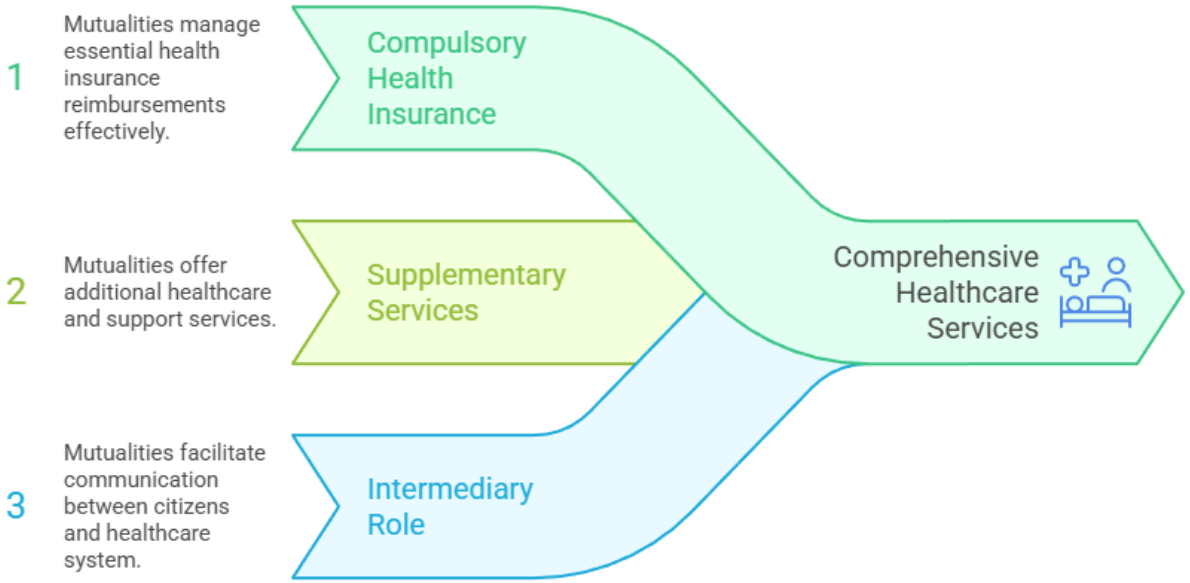
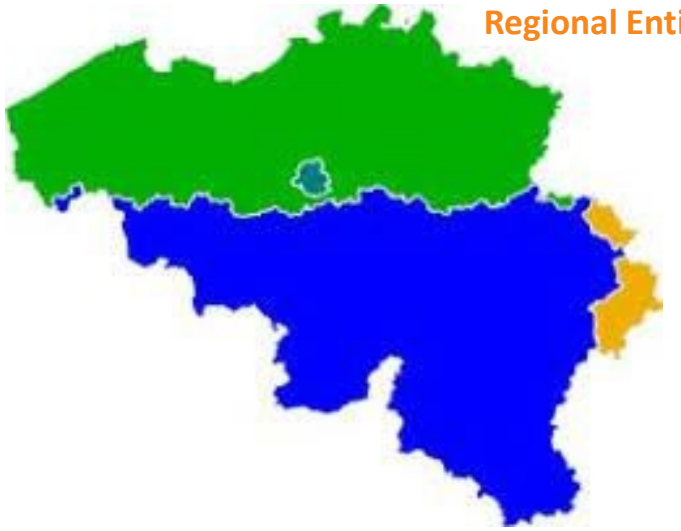
Belgian Social Security System





Core Roles

Federated Structure (Federation + NL, FR, DE Regional Entities)



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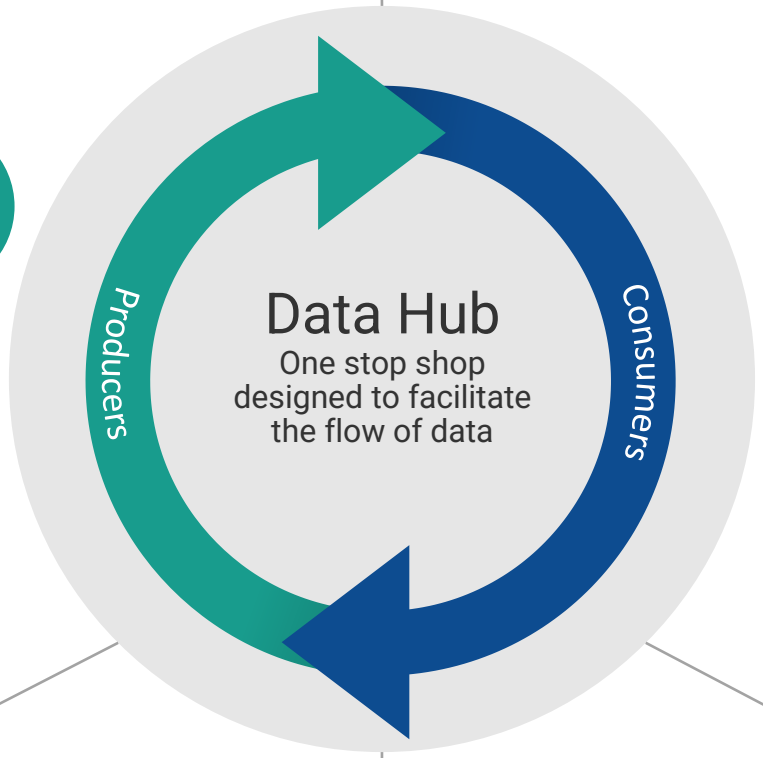
Data Hub

Federation

Collaborative
Producers & Consumers

Non-intrusive
Minimal impact on existing IT landscapes (plug-in approach)



NL Regional Entity

FR Regional Entity

DE Regional Entity

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Powered by EDGY

Complex Data Landscape

Common Data Context

Understand data across stakeholders

Tailored Data Management

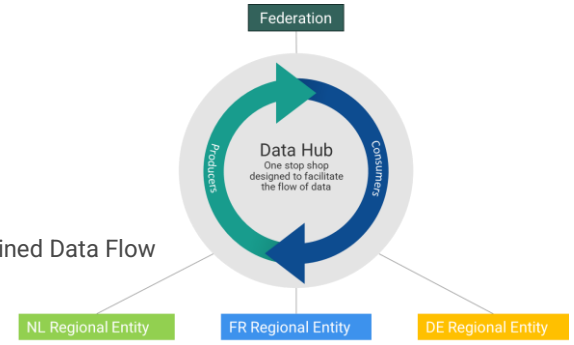
Data management framework fitting stakeholder needs

Fit-for-Purpose Data Architecture

Design data architecture governance

Untangling the Data Mess with EDGY

Streamlined Data Flow



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1. Putting data into a commonly understood context

Common Data Context

Understand data across stakeholders

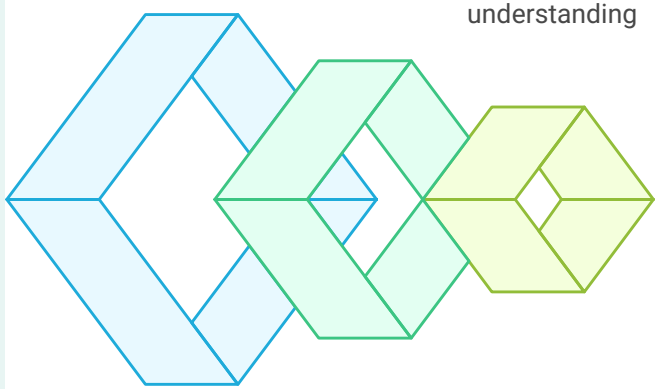
Enhancing Data Understanding through EDGY

Data Modeling Diagrams

Traditional method focusing on technical data aspects

EDGY Language

Alternative approach integrating all aspects for better understanding



Class Diagrams

Another classic method, also technically focused

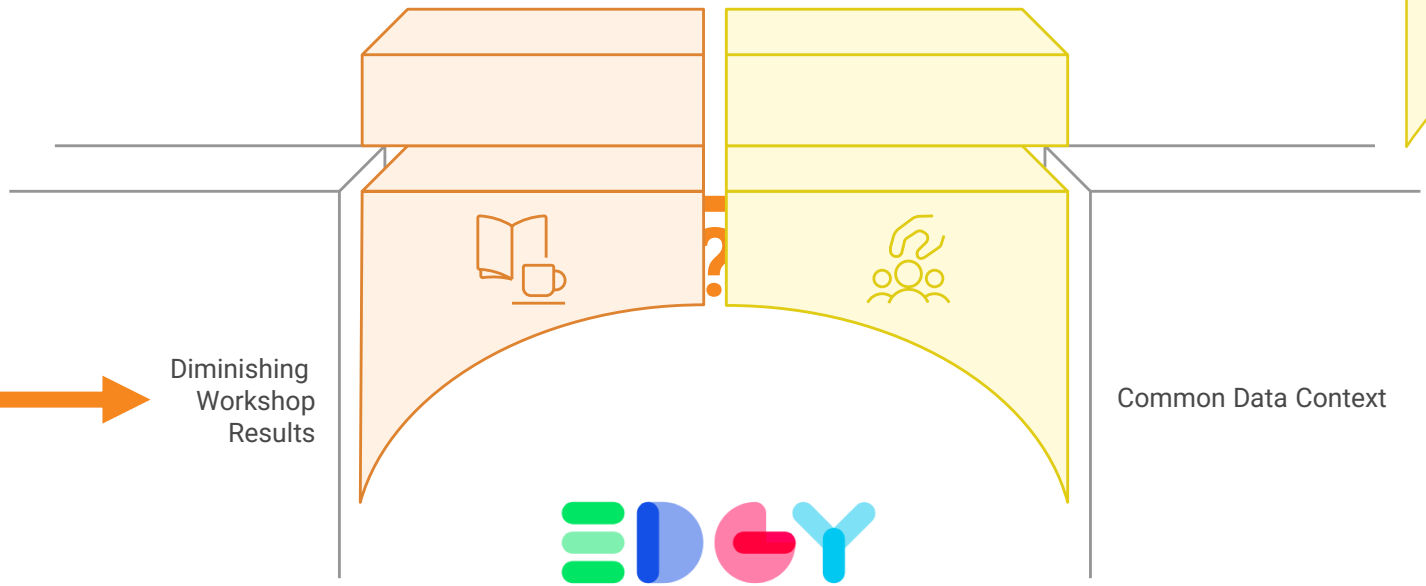
Leveraging EDGY in Data Workshops

Capture Workshop Results

Informally during the workshop
Formally document workshop outcomes

Focus on Stakeholder Experience

Prioritize user-centric data experiences



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Case Study

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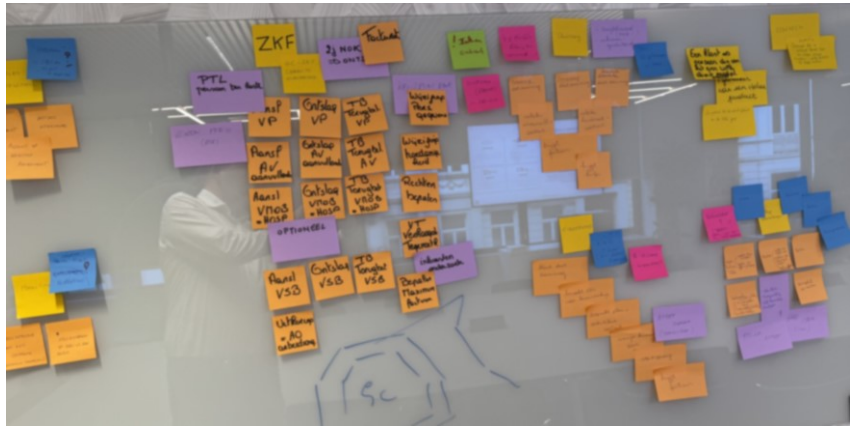
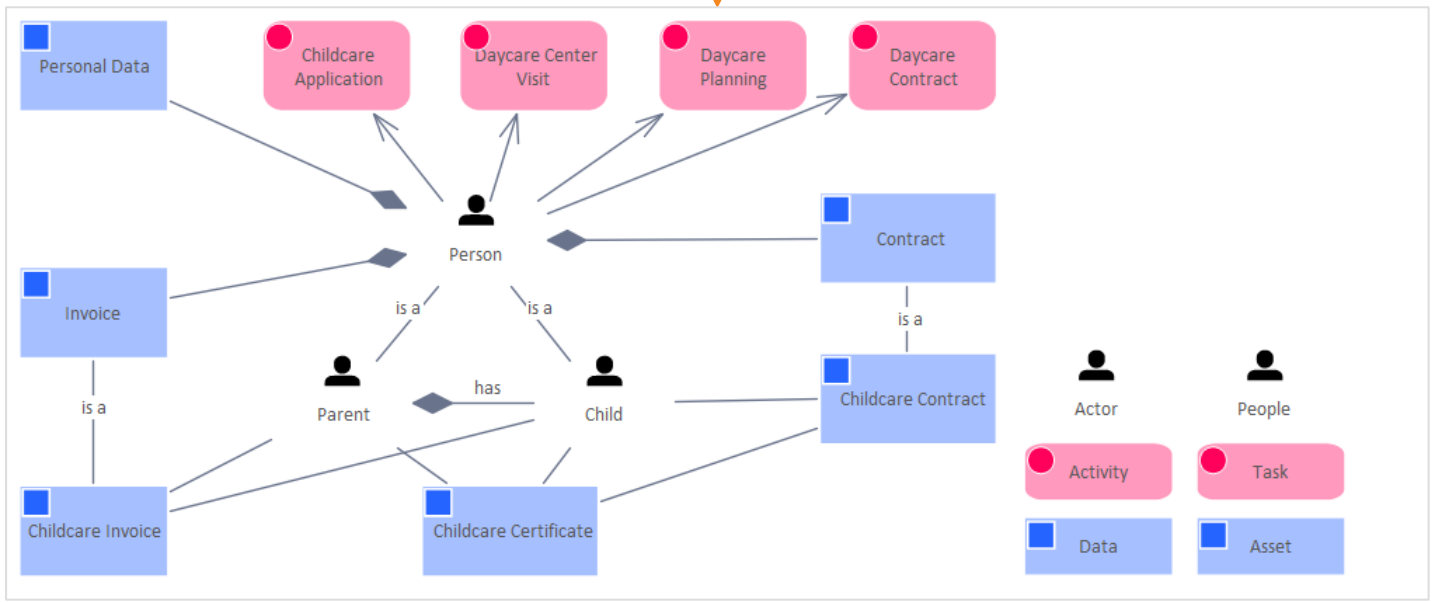
1. Putting data into a commonly understood context



Leveraging EDGY in Data Workshops

Capture Workshop Results	Focus on Stakeholder Experience
Informally during the workshop	Prioritize user-centric data experiences

Formally document workshop outcomes



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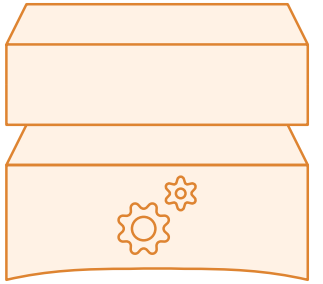
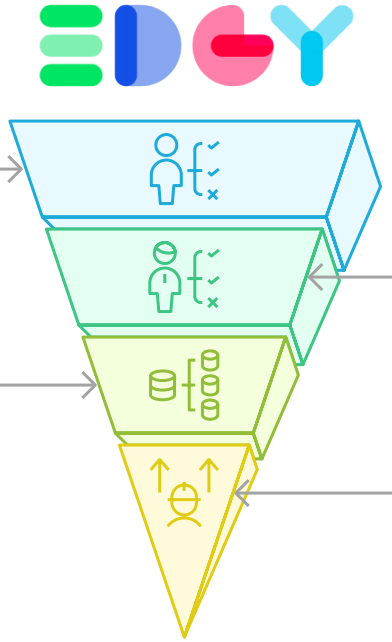
2. Tailoring a data management framework to the needs of all the stakeholders



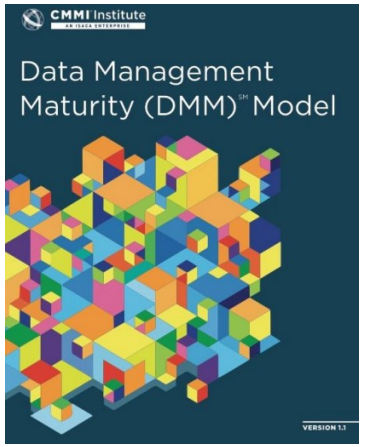


Identify Roles
Define key roles in data management

Contextualize Processes
Understand data within process context

Focus on Deliverables
Align roles with specific outcomes

Realize Capability
Achieve effective data management



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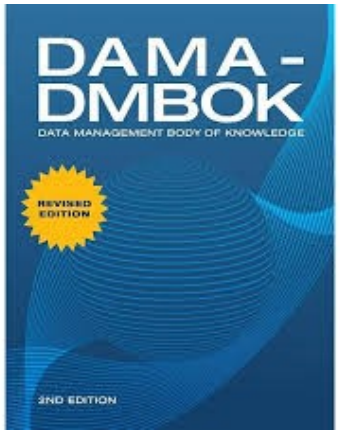

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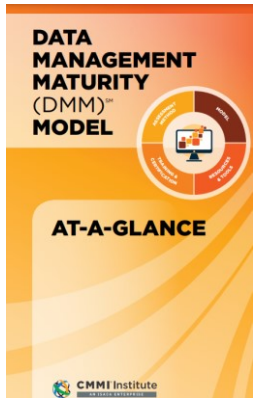

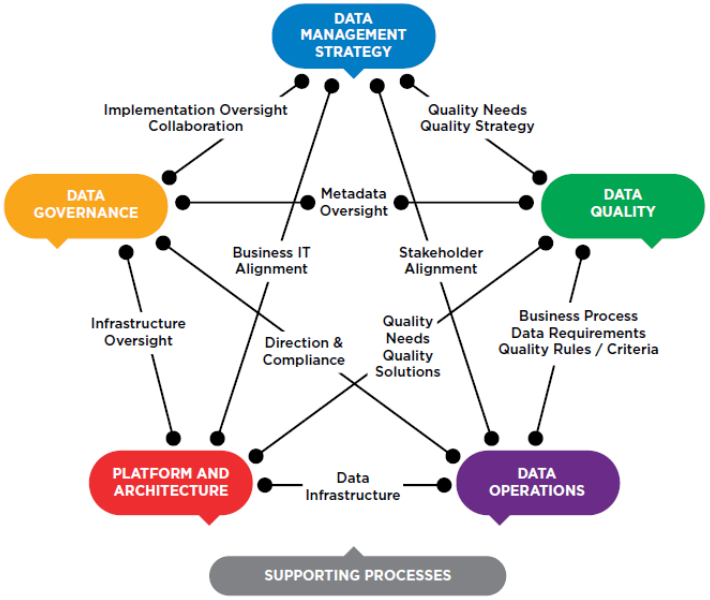

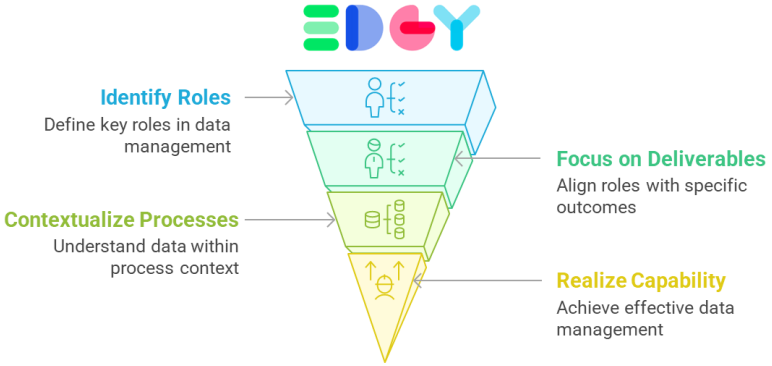

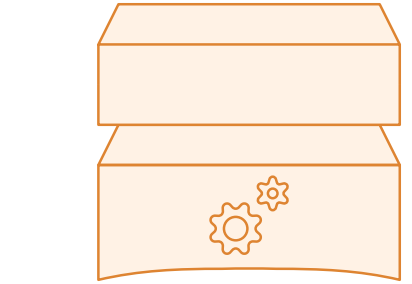

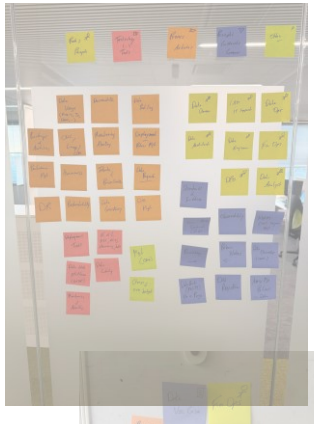

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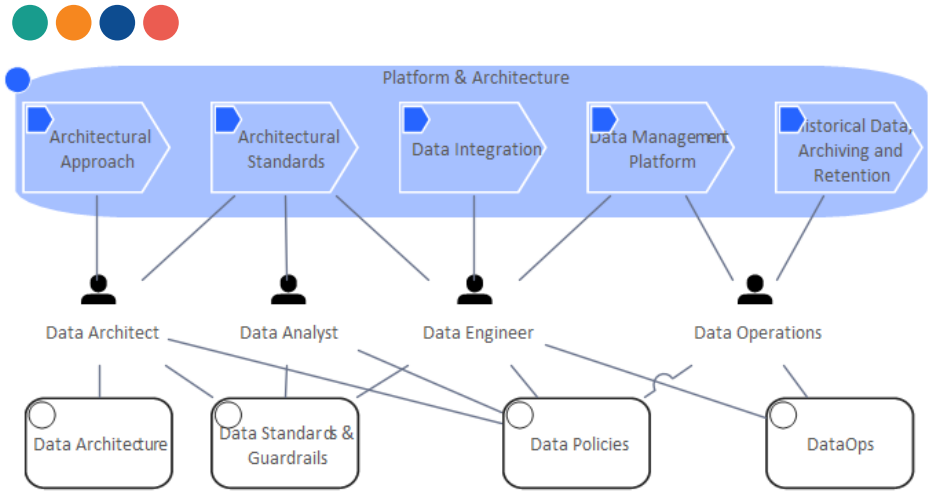
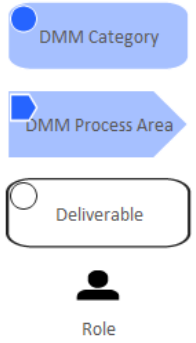
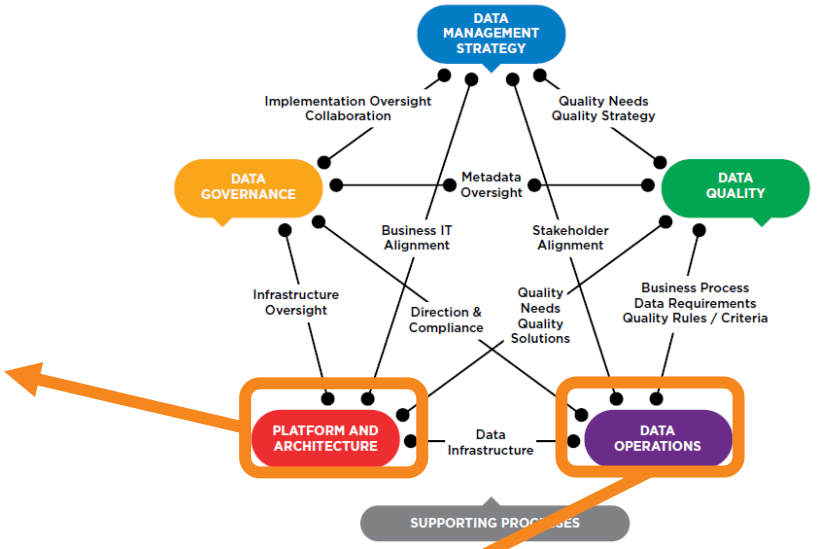
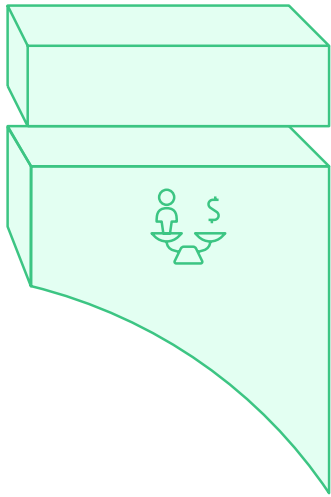
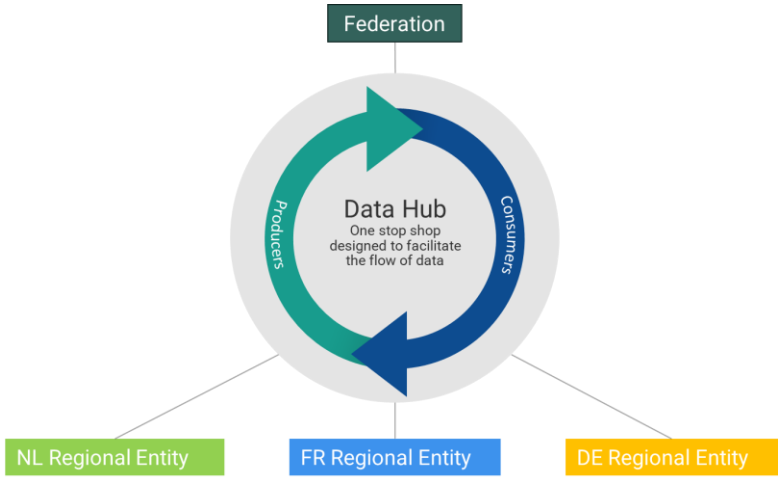
3. Assist in the design of the governance of a fit-for-purpose data architecture

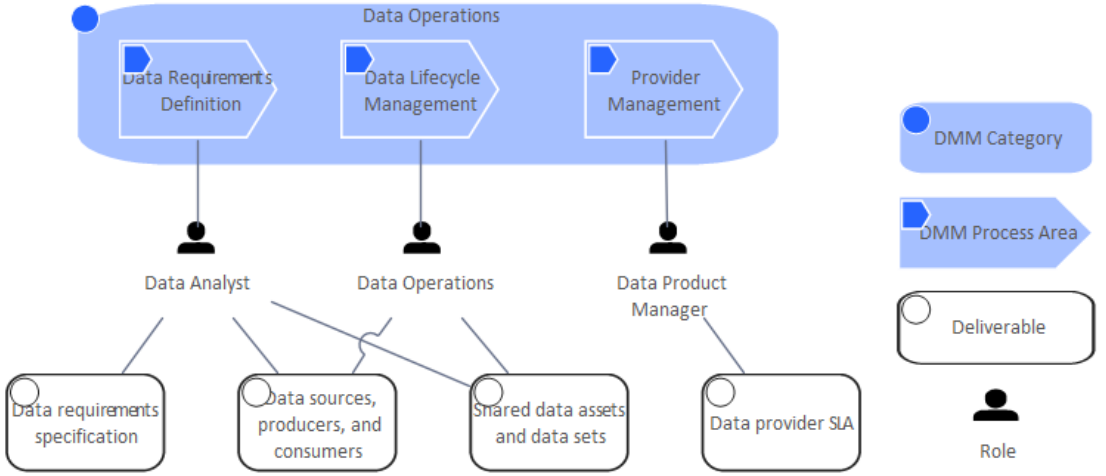












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Workshop

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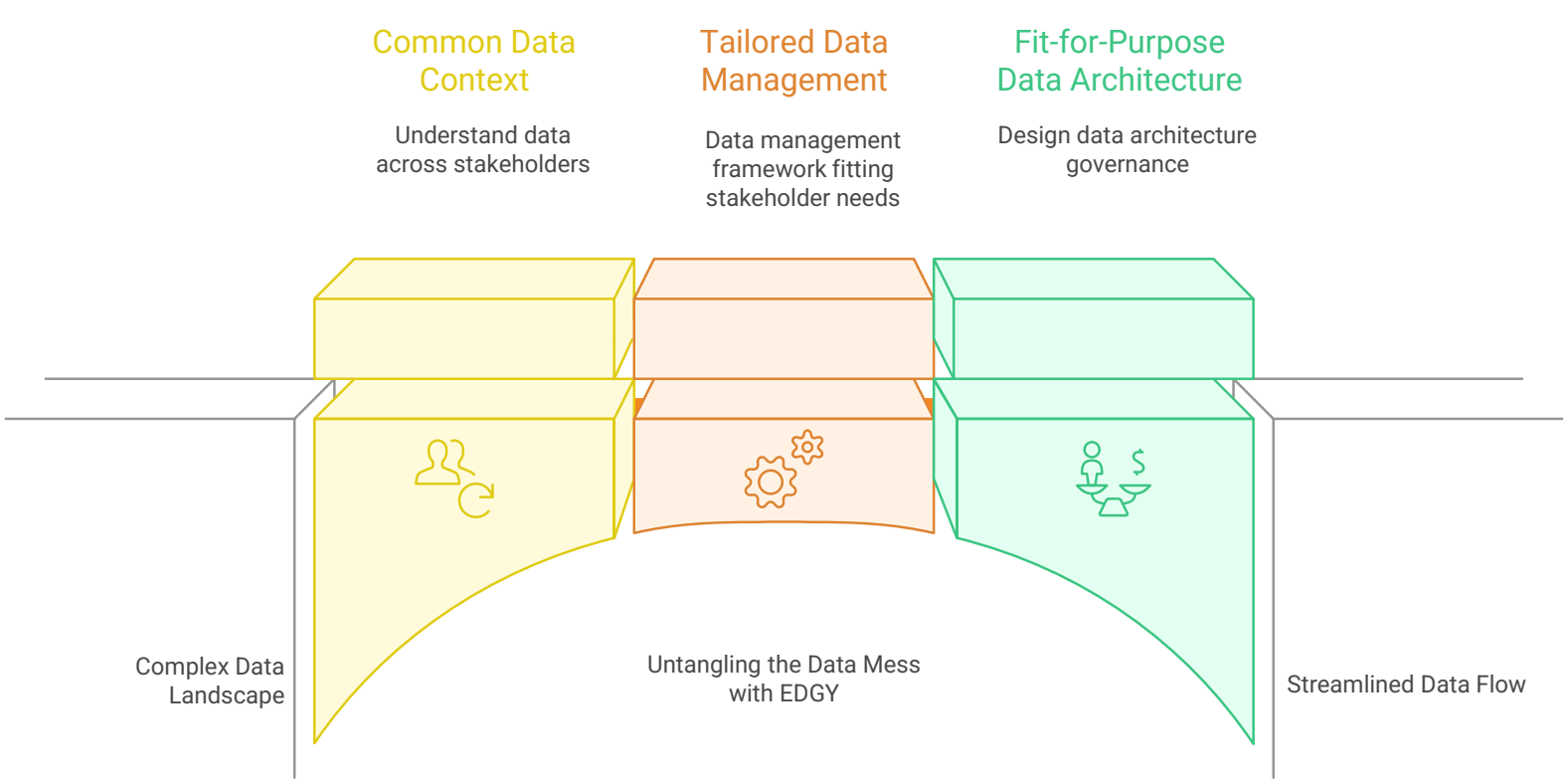

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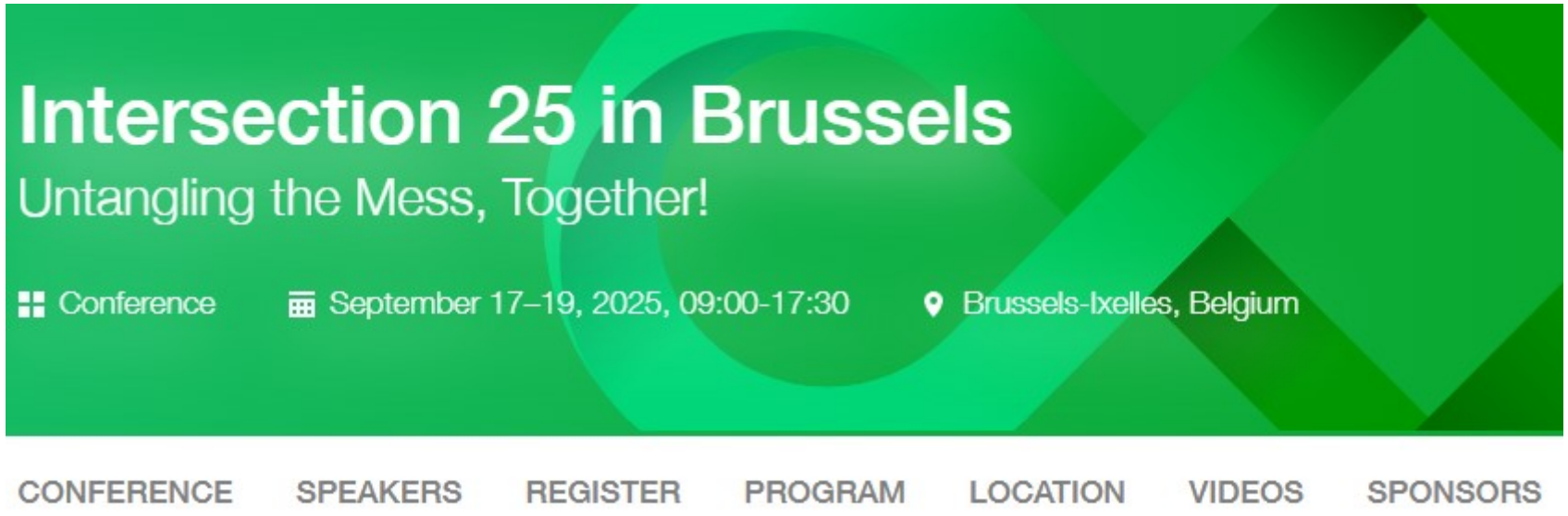
Workshop Context



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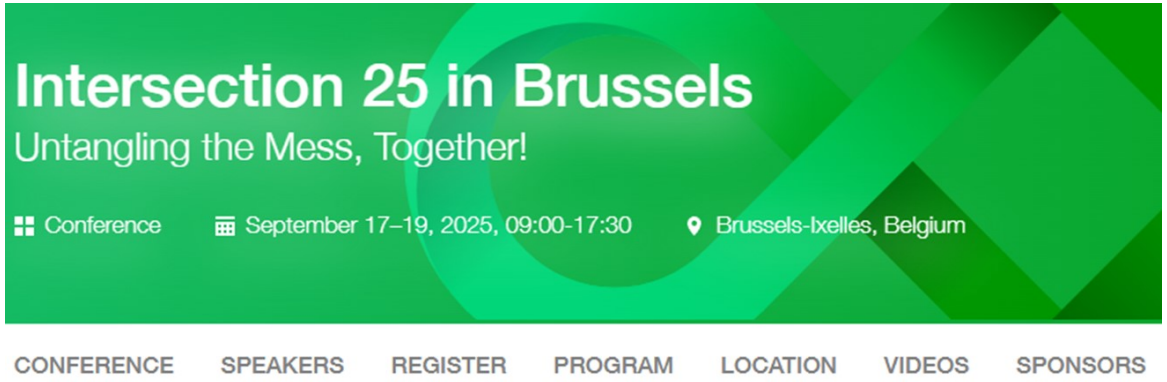
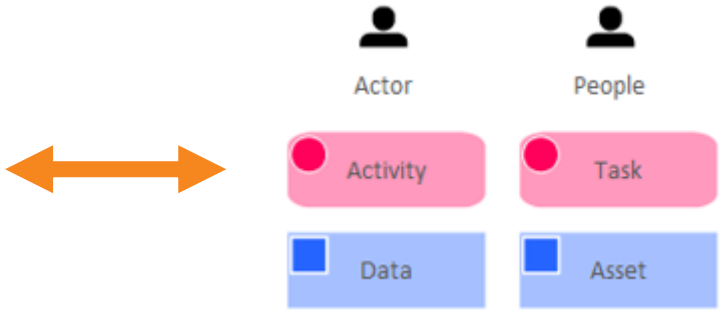
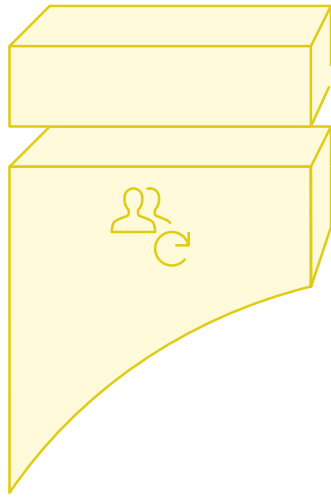
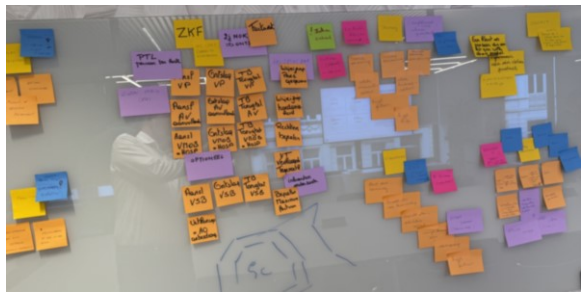
1. Putting data in to a commonly understood context

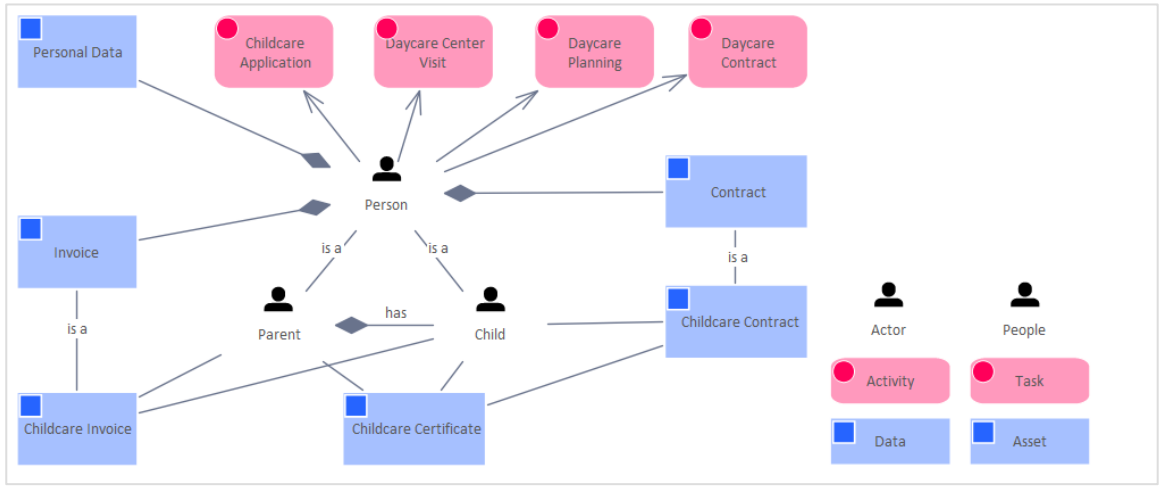








1. Brainstorm



2. Capture results

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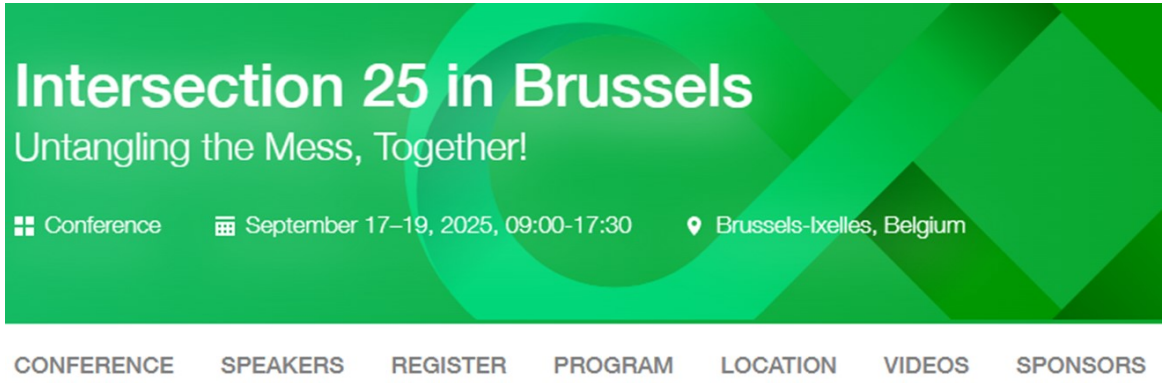
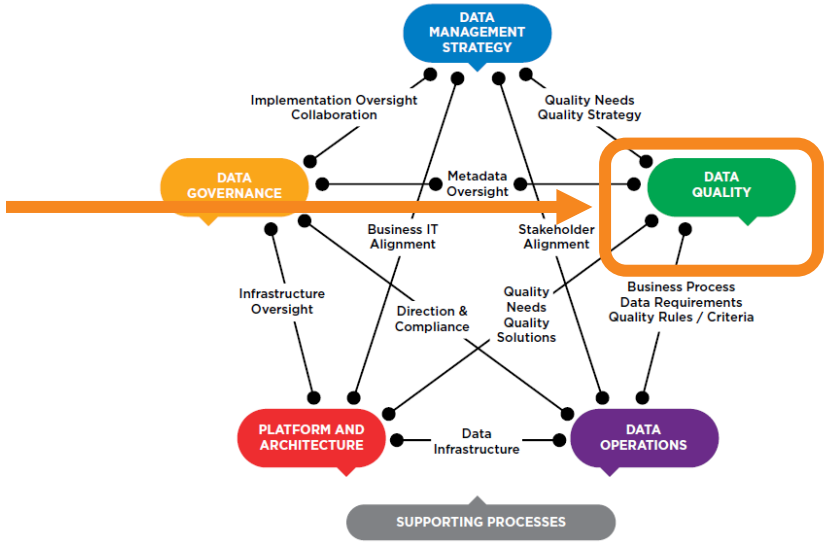
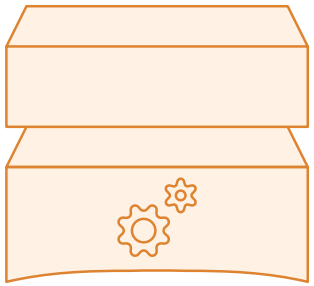
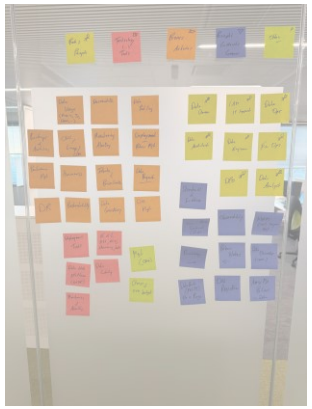
2. Tailoring a data management framework to the needs of all the stakeholders









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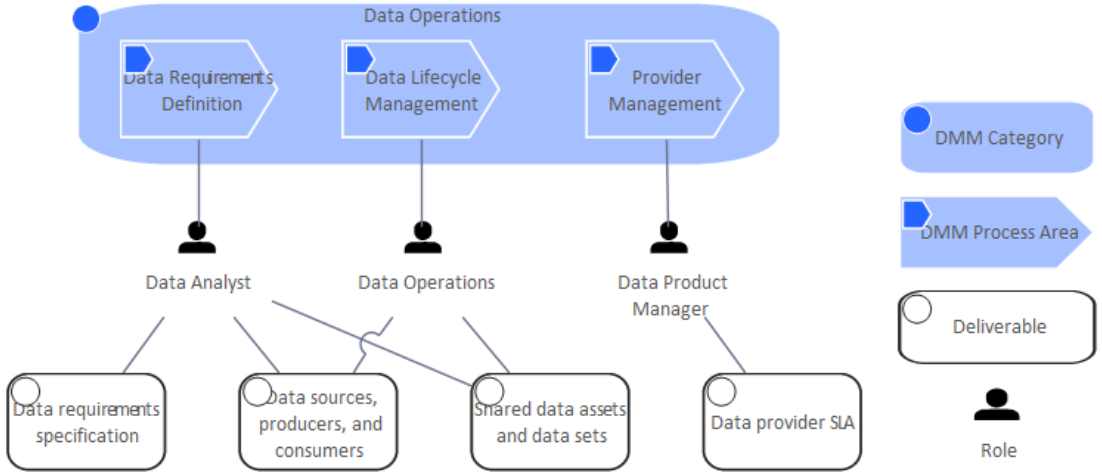

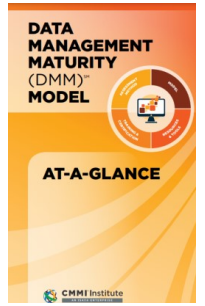

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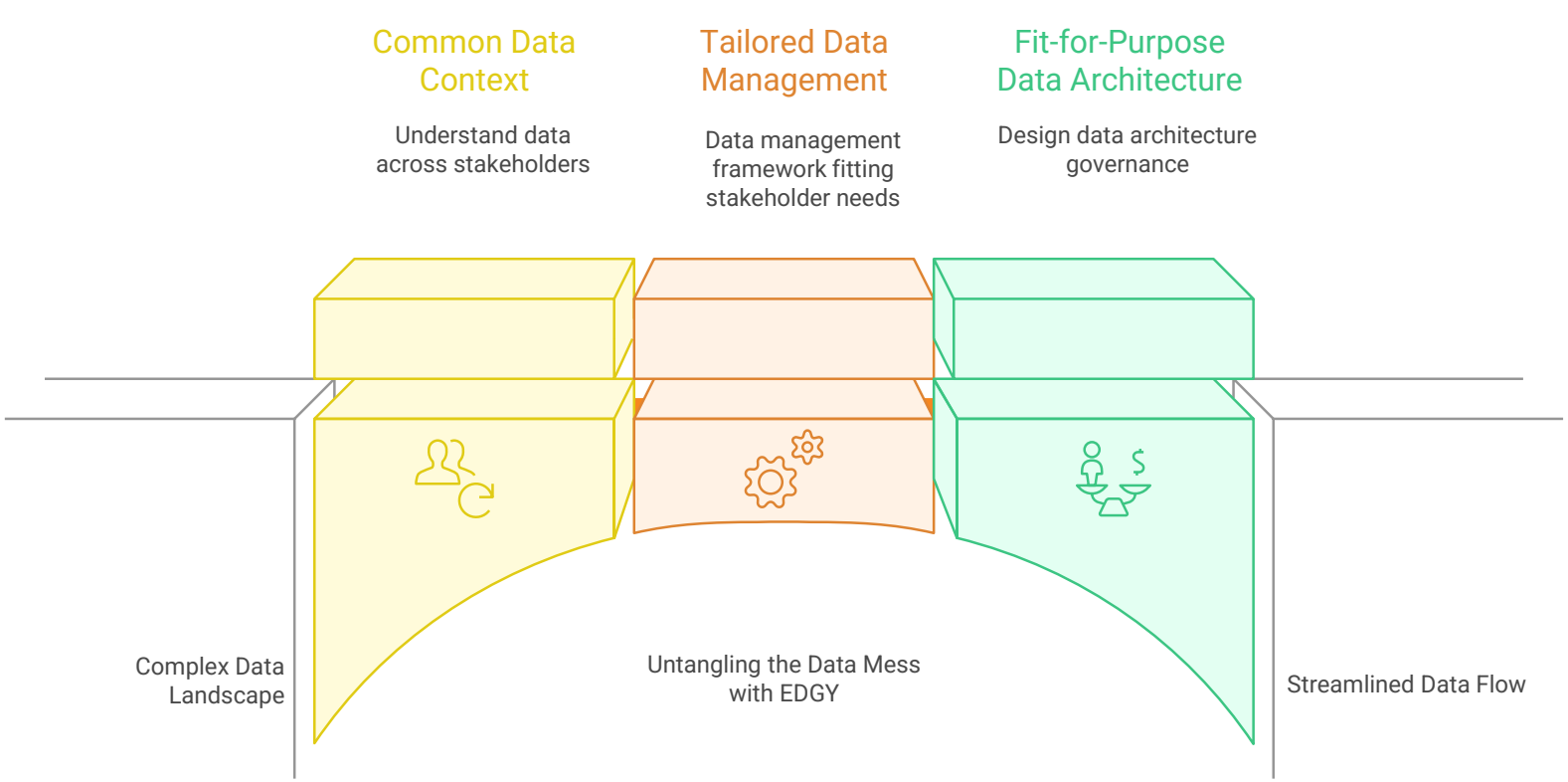
Q&A



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Q&A

1

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2

Workshop

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