



# Data governance: success factors, inhibitors

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# Learning Objectives

At the end of this session, participants will be able to:

- Understand what data governance is and why it's important for Data modernization
- Know the challenges of establishing data governance
- Explain the inhibitors to data governance and how to turn these into success factors

# Acknowledgements

I am always learning from public health agencies, private organizations and partners I work with and some of this learning is reflected in this presentation. I am especially thankful to:

- Minnesota Department of Health
- NYC Department of Health and Mental Hygiene
- Sedgwick county
- Kahuina Consulting
- CSTE
- PHII
- ASTHO

# Introductions



# Data Governance, what is it and why is it important

# What is Data Governance?

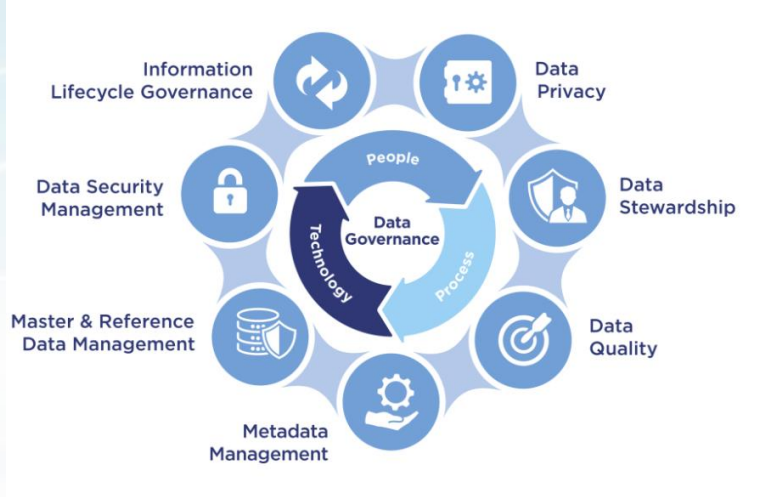
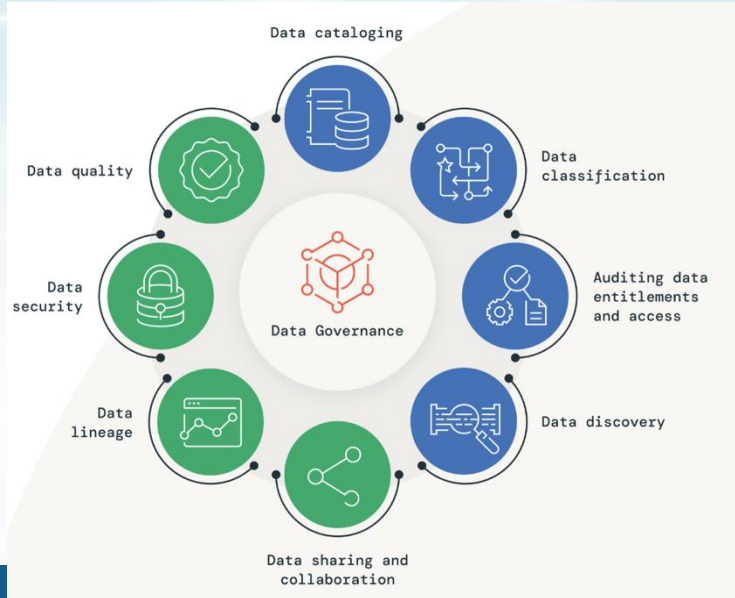
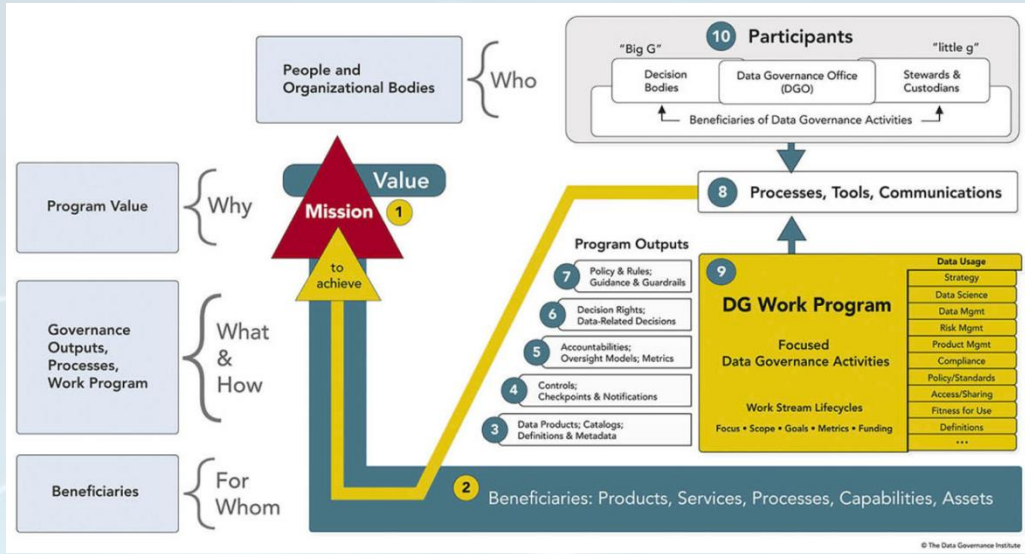
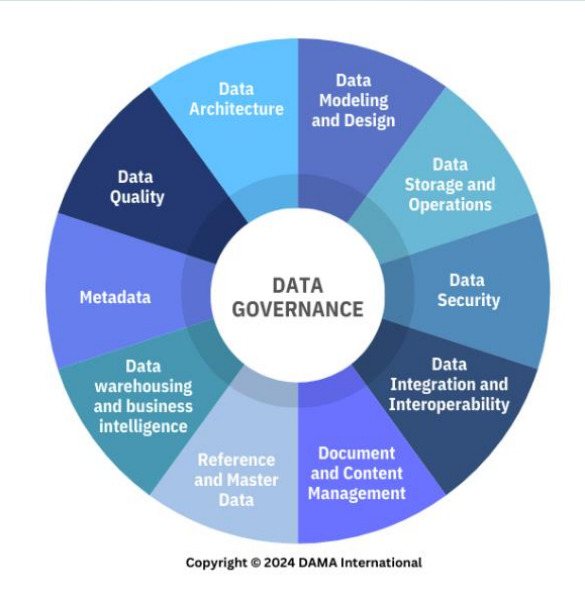


# Why is Data Governance important for DMI?

- Mitigate risks of data misuse
- Protection of privacy and confidentiality
- Legal and regulatory compliance
- Data is used and shared appropriately
- Ensure accuracy, completeness, and consistency of data
- Awareness of the data assets of the organization
- Stability and availability of data and data analytics infrastructure
- Increased cross agency collaboration

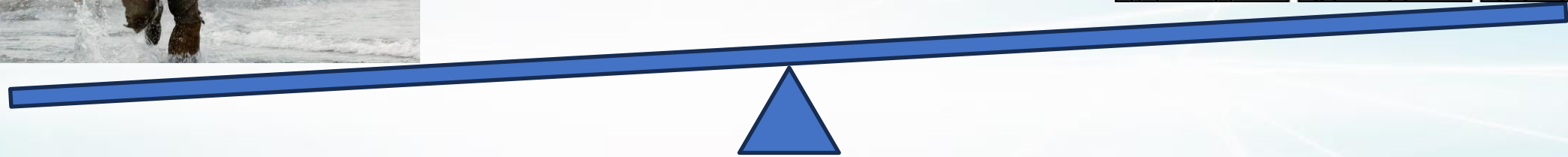
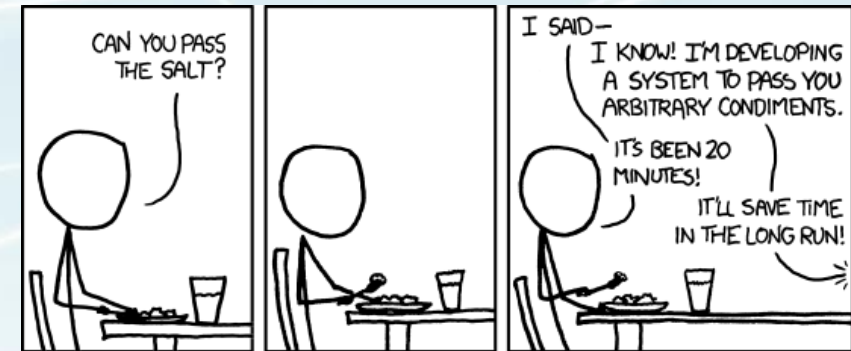
**BUILD  
TRUST**

# Data Governance frameworks



# The definition of “Lagom” (From Swedish)

just the right amount, not too much, not too little



[https://pirates.fandom.com/wiki/Escape\\_from\\_Cannibal\\_Island](https://pirates.fandom.com/wiki/Escape_from_Cannibal_Island)

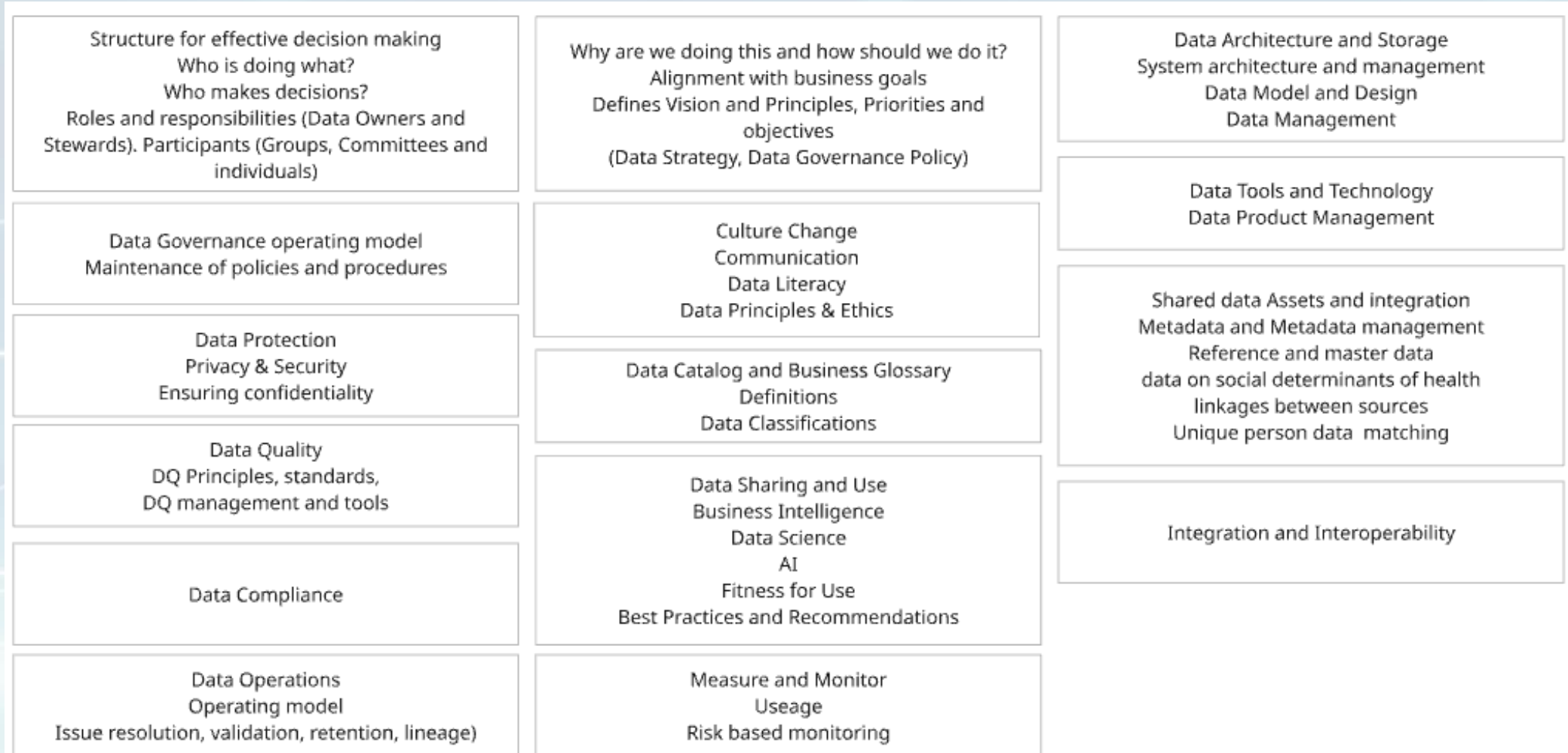
<https://xkcd.com/974/>

# Finding what's 'Lagom'



<p>Structure for effective decision making Who is doing what? Who makes decisions? Roles and responsibilities (Data Owners and Stewards), Participants (Groups, Committees and individuals)</p>	<p>Why are we doing this and how should we do it? Alignment with business goals Defines Vision and Principles, Priorities and objectives (Data Strategy, Data Governance Policy)</p>	<p>Data Architecture and Storage System architecture and management Data Model and Design Data Management</p>
<p>Data Governance operating model Maintenance of policies and procedures</p>	<p>Culture Change Communication Data Literacy Data Principles &amp; Ethics</p>	<p>Data Tools and Technology Data Product Management</p>
<p>Data Protection Privacy &amp; Security Ensuring confidentiality</p>	<p>Data Catalog and Business Glossary Definitions Data Classifications</p>	<p>Shared data Assets and Integration Metadata and Metadata management Reference and master data linkages between sources Unique person data matching</p>
<p>Data Quality DQ Principles, standards, DQ management and tools</p>	<p>Data Sharing and Use Business Intelligence Data Science AI Fitness for Use Best Practices and Recommendations</p>	<p>Integration and Interoperability</p>
<p>Data Compliance</p>	<p>Measure and Monitor Usage Risk based monitoring</p>	
<p>Data Operations Operating model Issue resolution, validation, retention, lineage)</p>		

# Start with your priorities



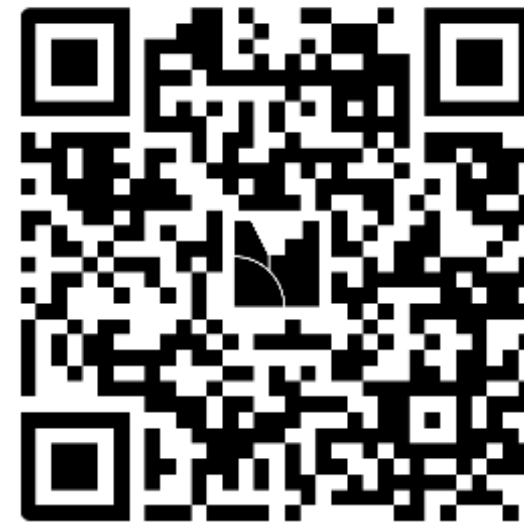
## Instructions

Go to

**[www.menti.com](https://www.menti.com)**

Enter the code

**3666 5033**



Or use QR code

# Question: what data governance components do your organization already have in place

Shared Data Vision or similar	Data Quality Standards	Data Governance tools/system
Data Governance org with clear roles and responsibilities	Common/shared data request process	Data Retention and archiving protocols and processes
Shared Data Definitions and terminology	Common Data Use Agreement or similar	System/Data Access policy and process
Data Set Directory/Catalog	Shared De-identification and aggregation policies and/or guidelines	Shared data architecture (datalake, data warehouse etc)
Data Protection policy or similar	Documented and shared data operation	Detailed data catalog
Metadata definitions	AI Governance	Shared reference and master data

# Challenges with implementing Data Governance?

- Knowing where to start
- Getting everyone onboard
- Shared vision
- Unclear scope
- Understanding what we need
- Overly complex
- Finding the right technology solutions
- Aligning technology solutions with the organizational needs
- Terminology and definitions
- Changing priorities
- Roles and responsibilities

# Success factors, what have worked in the past?

- Forming a data governance group with the charge to identify and prioritize the work as well as authorization to make decisions
- Clearly define roles and responsibilities
- Define the scope
- Common terminology
- Know the data vision
- Prioritize based on the vision
- Don't make it too complicated

# What would you start with?

- Forming a data governance group with the charge to identify and prioritize the work as well as authorization to make decisions
- Clearly define roles and responsibilities
- Common terminology
- Know the data vision
- Prioritize based on the vision
- Don't make it too complicated

# **Experience at the Illinois Department of Health**

## **Dejan Jovanov**

# Conversation topics:

- Overview of the IL Department of Health's ongoing data governance project
- Drivers
- Success factors
- Challenges
- Advice



# Questions?

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