

# Data Governance – An Introduction

Martin Catherrall

Data Toboggan – Winter Edition



# Martin Catherall

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<https://github.com/data-marty/DataGovernance>

- Senior Data Consultant

- SQL Server (20+ years)
- Microsoft Azure (~8 years)
- Microsoft Fabric (~2 years)



# Data Governance

What's it all about?

## **Data & Governance**

### Presentation Aims

- Provide a framework for your ongoing research
- What might be involved in “setting up Data Governance”
- Note:- Tech\* is only part of the jigsaw

\*Microsoft products used as examples

# Agenda

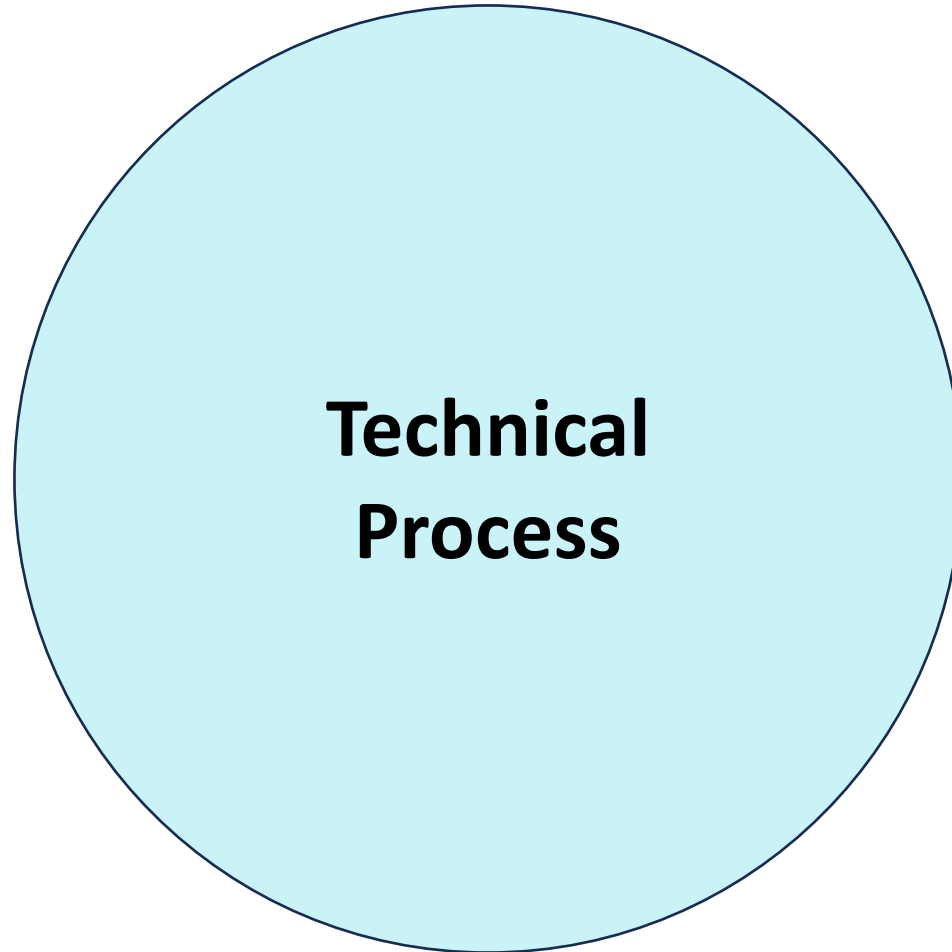
- A High-Level look at Data Governance
- An excellent resource for ongoing learning and collaboration
- The Business World
- The Technical World
- Summary

# Introduction

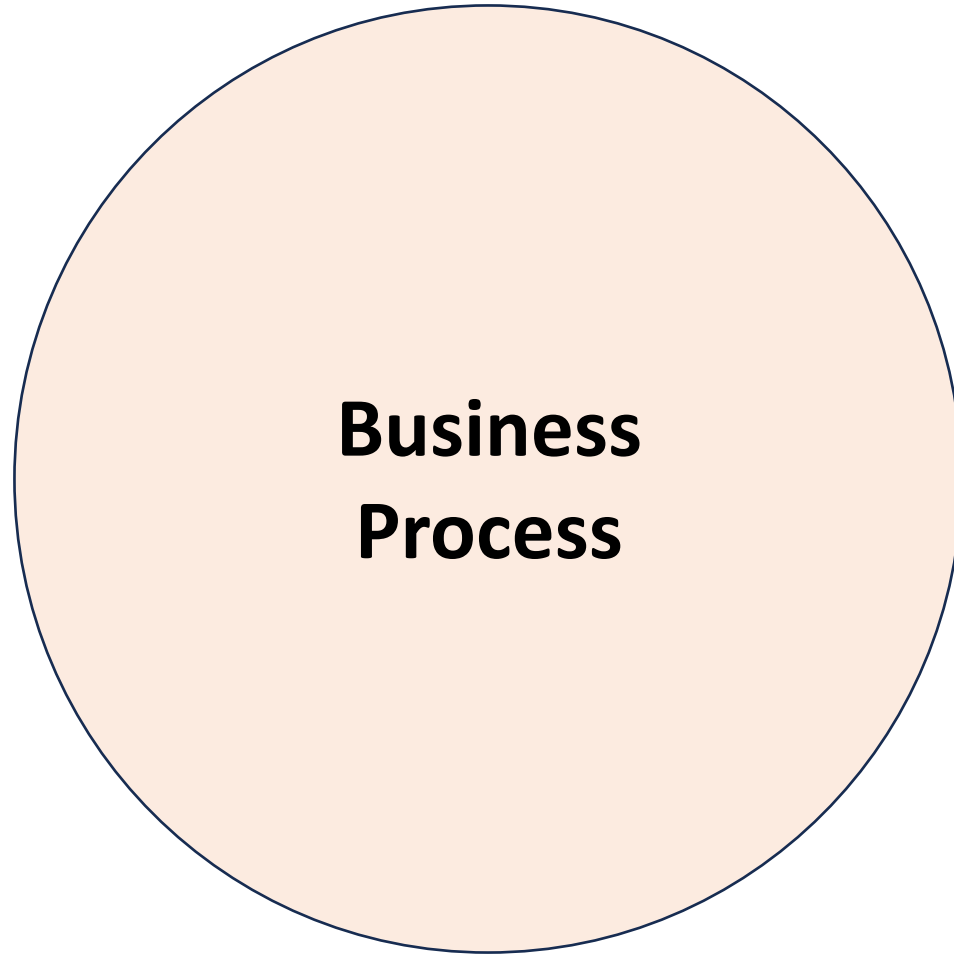
*Setting you up for success!*

*Hopefully 😊*

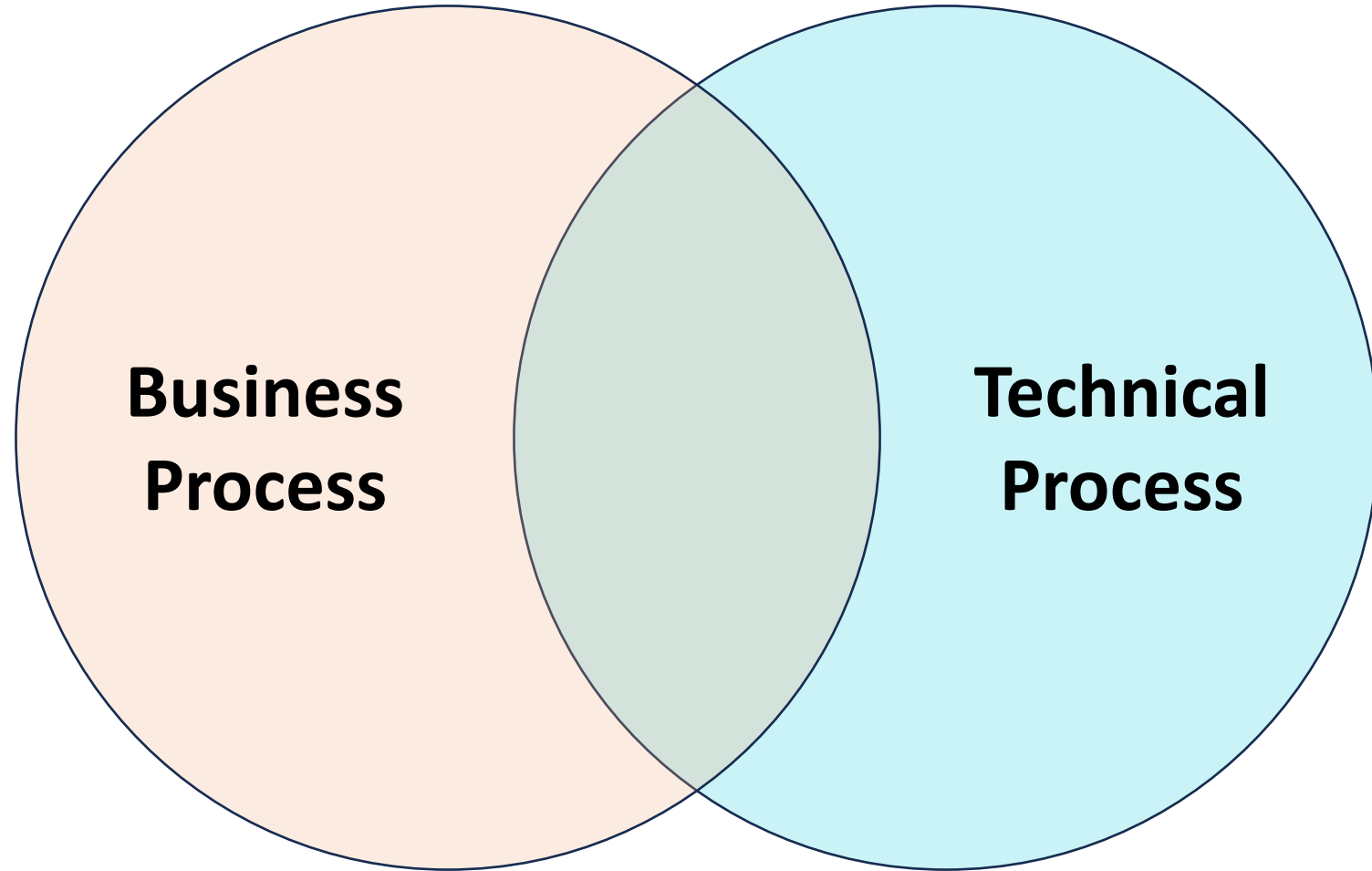
# One Side of Data Governance



# Another Side of Data Governance

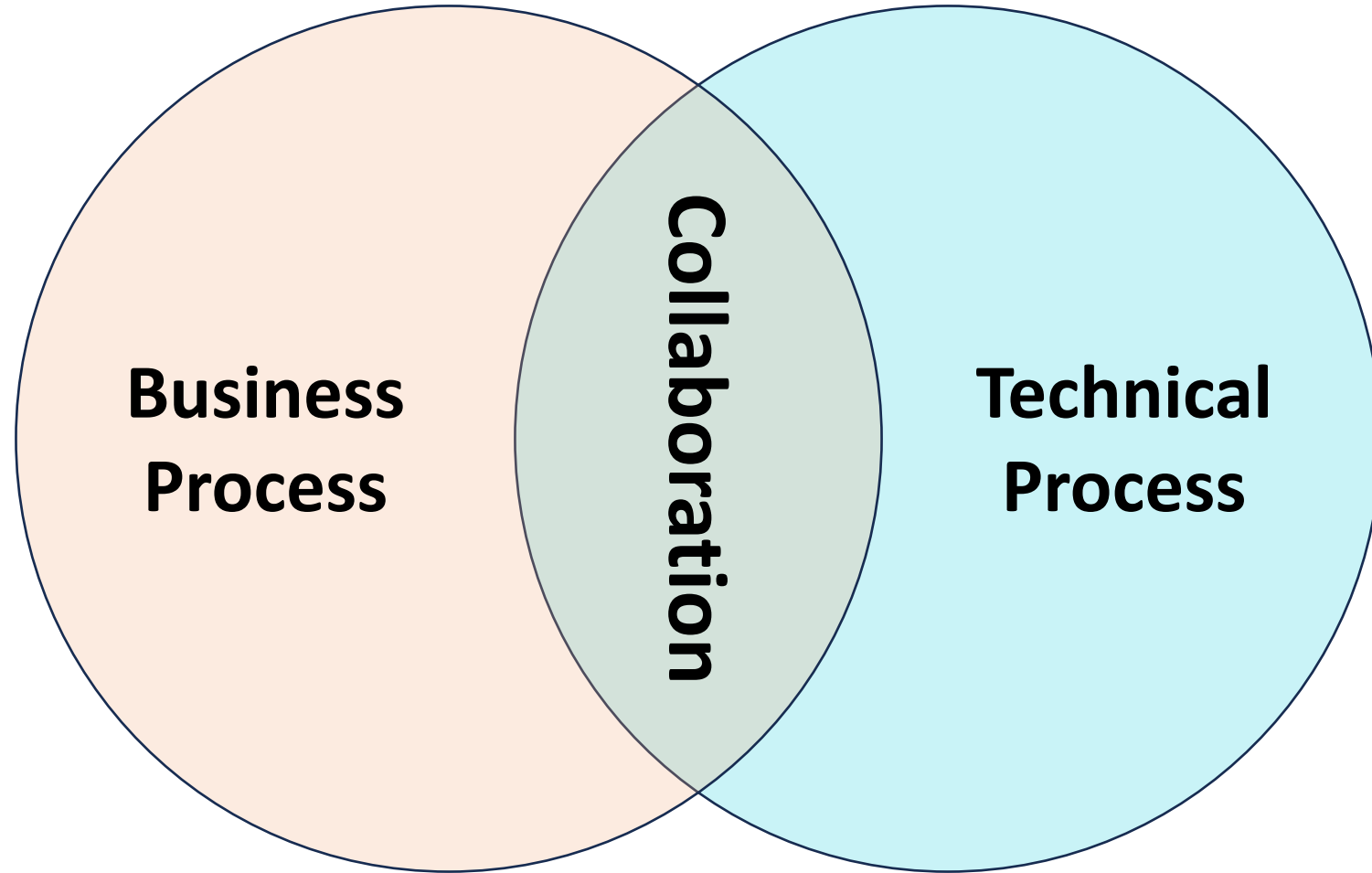


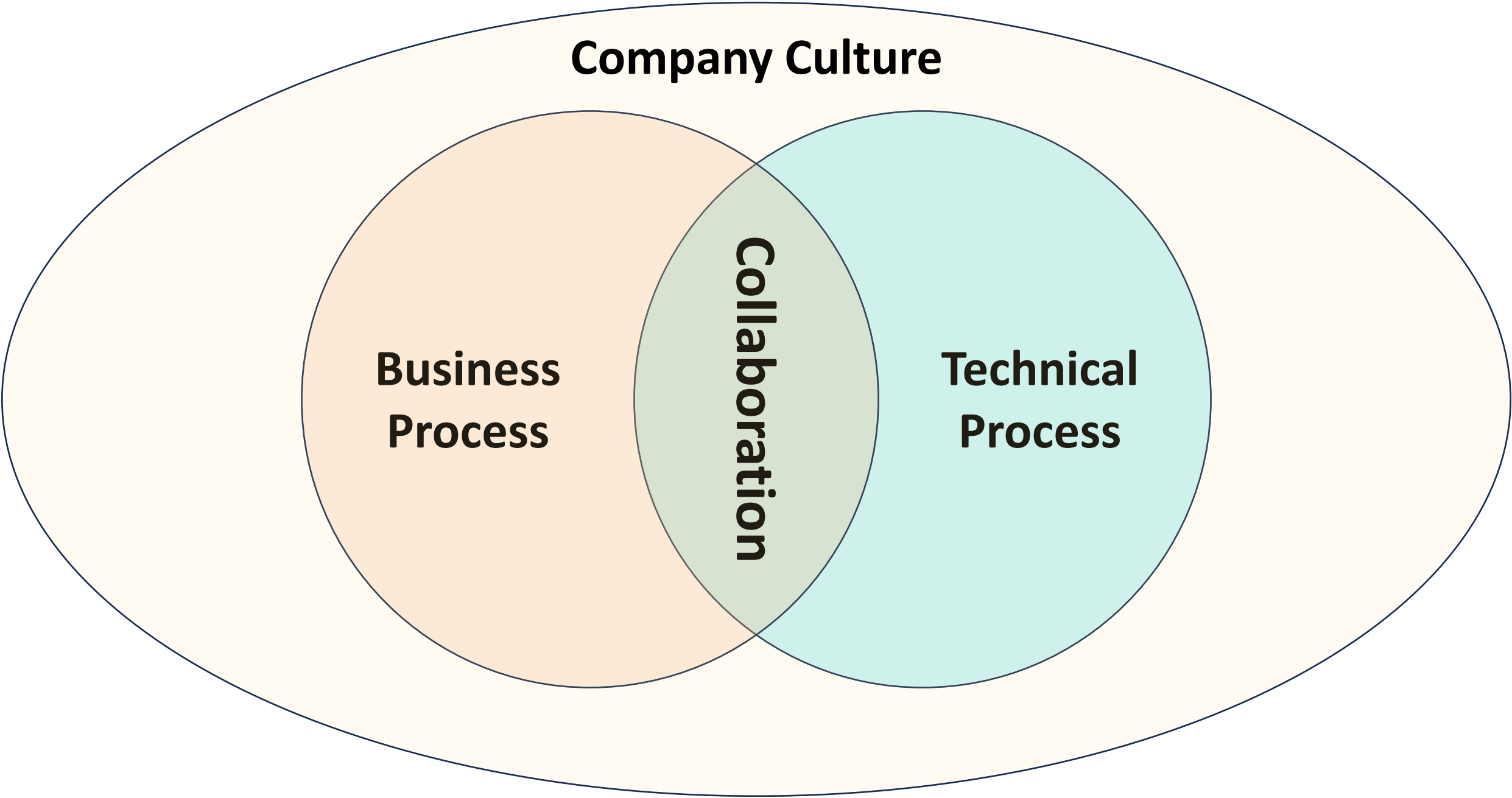
Both existing together





# Collaboration is a key ingredient





**Company Culture**

**Business  
Process**

**Collaboration**

**Technical  
Process**

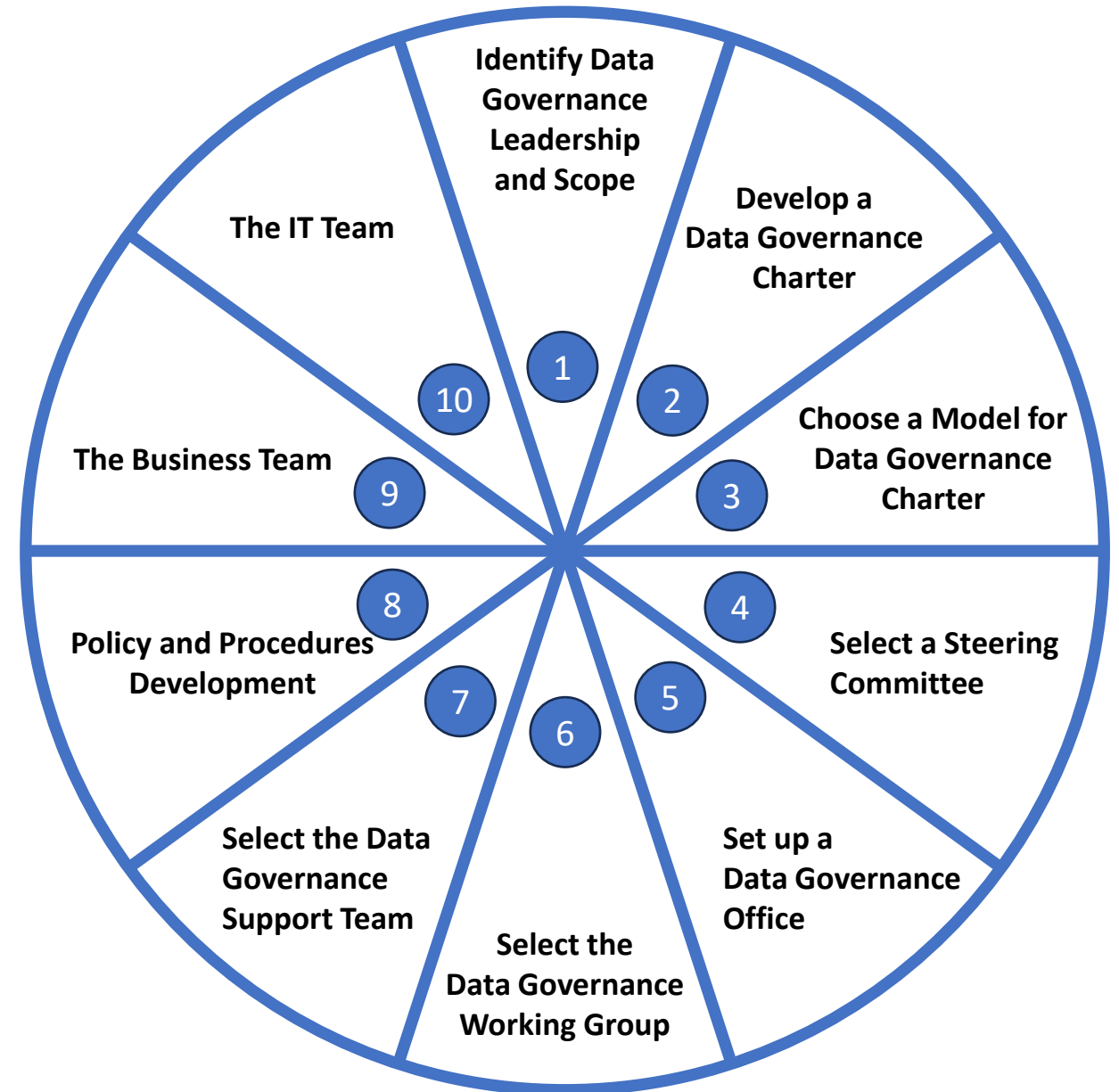
# A Path to Guide You!

*And make you stronger!*

*Hopefully 😊*

# Collaboration is a key ingredient

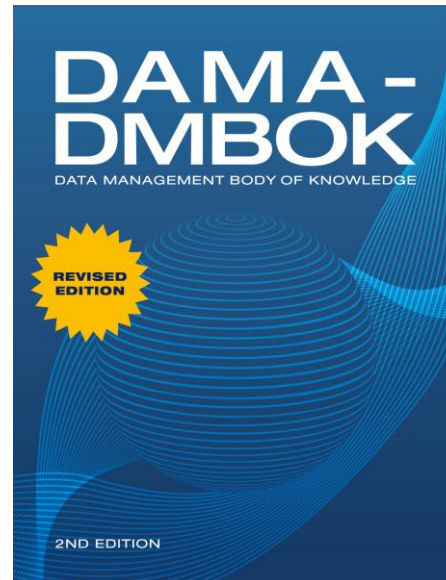
- 1 Identify Data Governance Leadership and Scope
- 2 Develop a Data Governance Charter
- 3 Choose a Model for Data Governance Charter
- 4 Select a Steering Committee
- 5 Set up a Data Governance Office
- 6 Select the Data Governance Working Group
- 7 Select the Data Governance Support Team
- 8 Policy and Procedures Development
- 9 The Business Team
- 10 The IT Team



# DAMA



<https://www.dama.org>



[DMBoK - Data Management Body of Knowledge](#)

# Resources

[Designing data governance that delivers value | McKinsey](#)

[The Path to Modern Data Governance](#)

[Global and industry frameworks for data governance](#)

[DMBoK - Data Management Body of Knowledge](#)

[sas-data-governance-framework-107325.pdf](#)

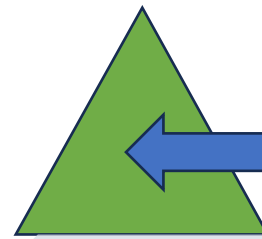
[DGI Data Governance Framework - The Data Governance Institute](#)

# The Business

*Are they're relying on data?*

*Hopefully 😊*

Business World



Company Performance

Business Outcomes

Decision Quality

Information Quality

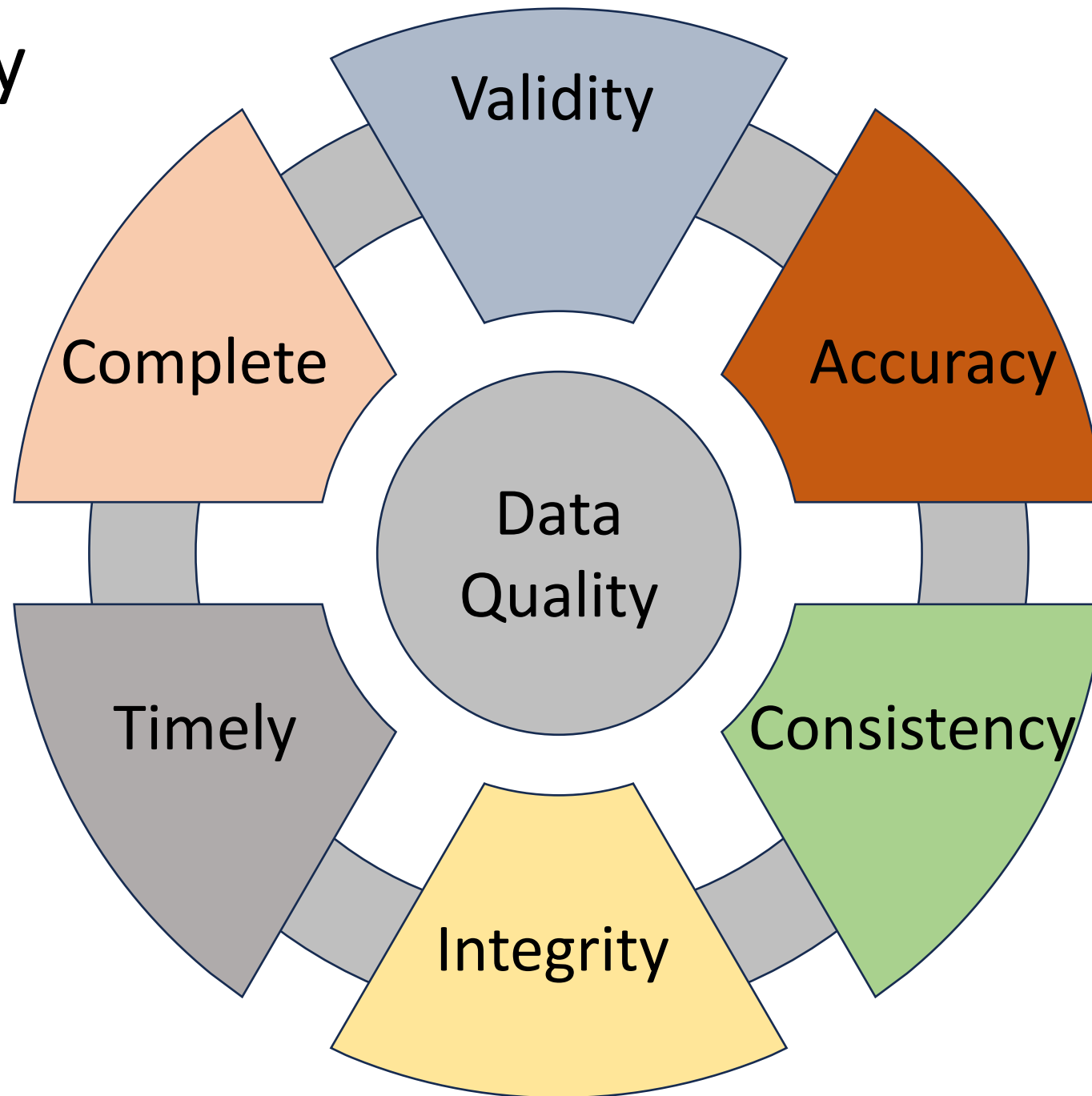
Data Quality

Internal Processes

External Processes



# Data Quality



# Ingredients

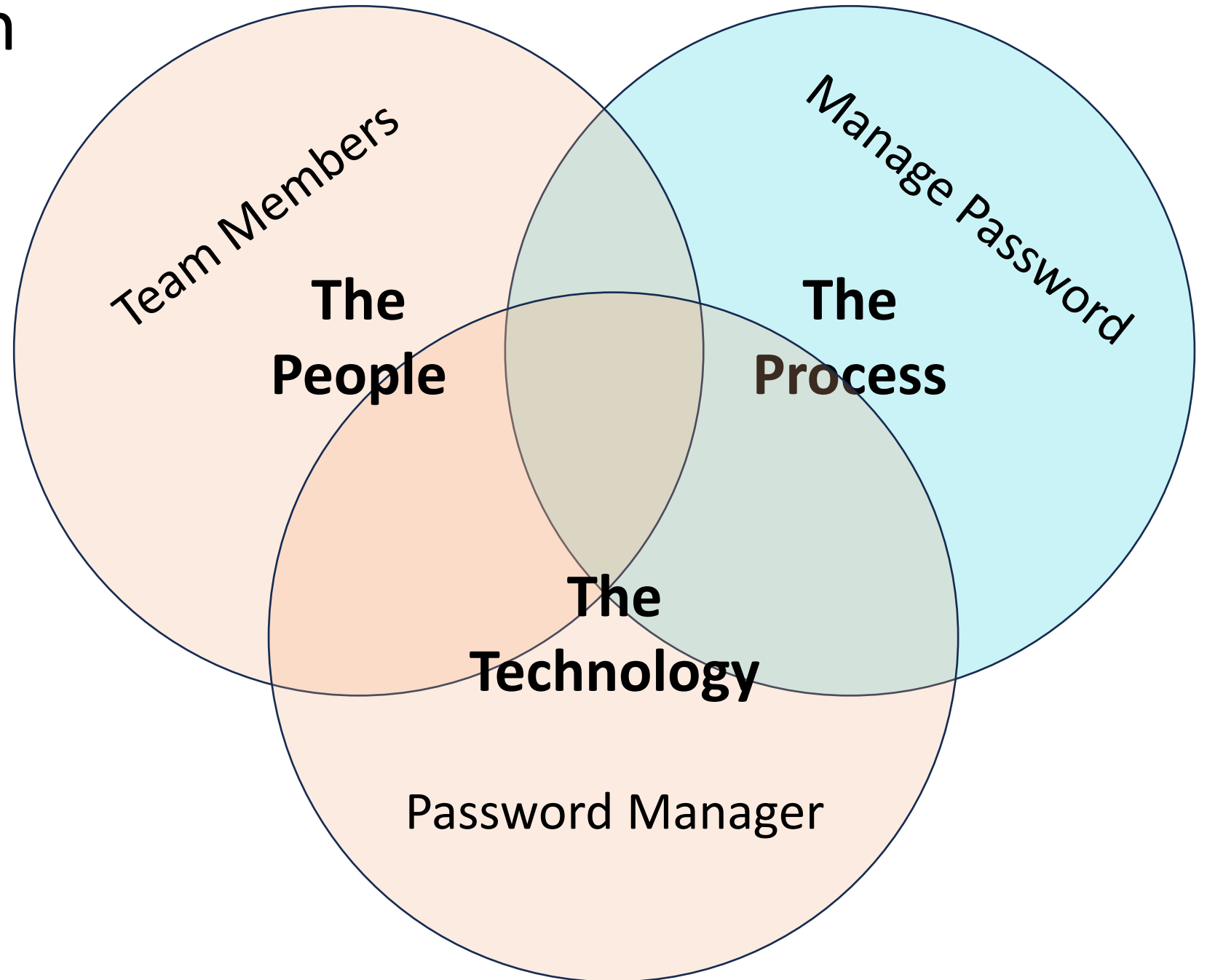


# The Tech

*Tech will only get you so far*

# The Collaboration

- People
- Process
- Technology



# A Personal Story

- How many online accounts do you have?
- How many of those account credentials are committed to memory?
- How often do you hit 'forgot my password?'
- Get yourself a good Password Manager.
- Get yourself (and your family) a good strong process.

# Tooling Types

- Manage Data Governance
- Manage Master Data
- Data Quality
- Data Obfuscation
- Tooling built into your product

*Some Examples coming up! – but first roles*

# Data Governance Roles

- **Data Quality Management**
- **Data Governance Implementation**
- **Data Catalog Management – (or is it Catalogue? ☹ )**
- **Metadata Management**
- **Data Stewardship and Collaboration**
- **Data Custodian (Business and Technical)**
- **Compliance and Risk Management**
- **Training and Education**
- **Reporting and Documentation**

# Tooling

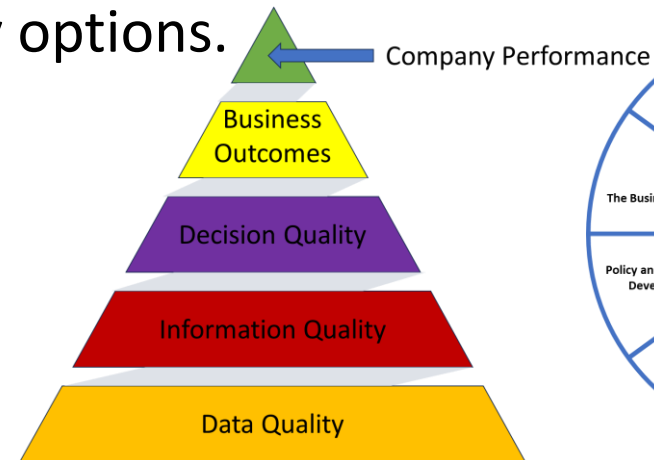
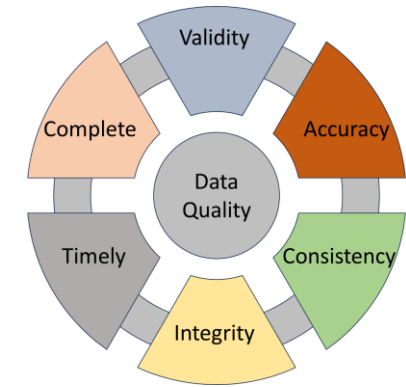
- Microsoft Purview
- Profesee
- Data Quality Services (SQL Server)
- Redgate Data Masker
- Dynamic Data Masking, Row Level Security, Tagging



Demo

# Summary

- It's about data – but it's also about people and process.
- Yes, it has a technical side – there are many options.
- Improve your personal governance.
- Know your 'big ticket items'
  - Security
  - Compliance
- Build your resources and your networks



Sukrija Dziekuje  
Danke Obrigado  
THANK YOU  
Hvala  
Gracias Dank U  
Thanks Grazie  
Dankeschön Tak  
Gratias Tibi Merci  
Terima Kasih Dakujem  
Kitos Köszönöm  
Mahalo