



# INPRS Journey Towards Master Data Management

May 2024

# Agenda

1	Introduction
2	Data Governance Journey
3	Key Value added to INPRS
4	Data Quality/Data Cataloging
5	DEMO
6	Q&A
7	KPMG - Operationalize Data Governance with Informatica

# INPRS by the Numbers

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- Funds Managed by INPRS: 16
- Participating Employers: 1,318+
- Members: 529,244
- Total Assets: \$55B+

# Creating an Intentional Data Driven Culture

- **VISION:** Our data is secure and a trusted source of information used to support data-driven decision-making, deliver timely and accurate retirement benefits and services, accurate financials, and provide a foundation to deliver quality customer experiences.
- **MISSION:** Our mission is to enhance the value, quality, security and understanding of data through coordinated efforts of all stakeholders, leading to an improved member and employer experience.
- **PURPOSE:** The purpose of this charter is to define the authority, membership, data strategy, roles, and responsibilities of the Data Governance Program, along with providing a framework for ensuring data accuracy, effectively identifying areas for data improvement efforts, and the overall management of data as an asset.

The overriding purpose of the Data Governance Charter is to demonstrate INPRS' commitment to improving the service it provides to its members, employers, and all stakeholders, ensuring that:

- Members get the accurate information to make decisions and the right benefit at the right time (**Member Experience**); and
- Actuarial valuations accurately reflect pension benefit obligations and funding requirements for INPRS' employers (**Employer Experience**); and
- **Staff** has trusted data and tools they need to effectively deliver on INPRS' mission.

# Critical Steps for Strategic Data Governance

## Organizational Framework Assessment



- Planned and systemic review of organizational processes

## Governance Charter Development



- Determine the needs and outline requirements of data governance
- Describe the vision and mission

## Implementation Plan



- Execution of the strategic plan to technical implementation
- Initialize the probability of success rate

## Role Definition and Resource Enablement



- Identification of responsibilities for governance
- Drive accountability through data ownership

## Seating a Data Governance Council



- Identification of data governance stakeholders
- Evaluating the oversight of collaboration

# Show the Value to the Organization

01

## Identify distinct cases

- Provides opportunity to engage stakeholders in the strategic framework

02

## Quantify value

- Track key performance indicators recurrently to measure the value delivered from the framework
- Identifies areas of improvement and make necessary improvements

03

## Improve data capabilities

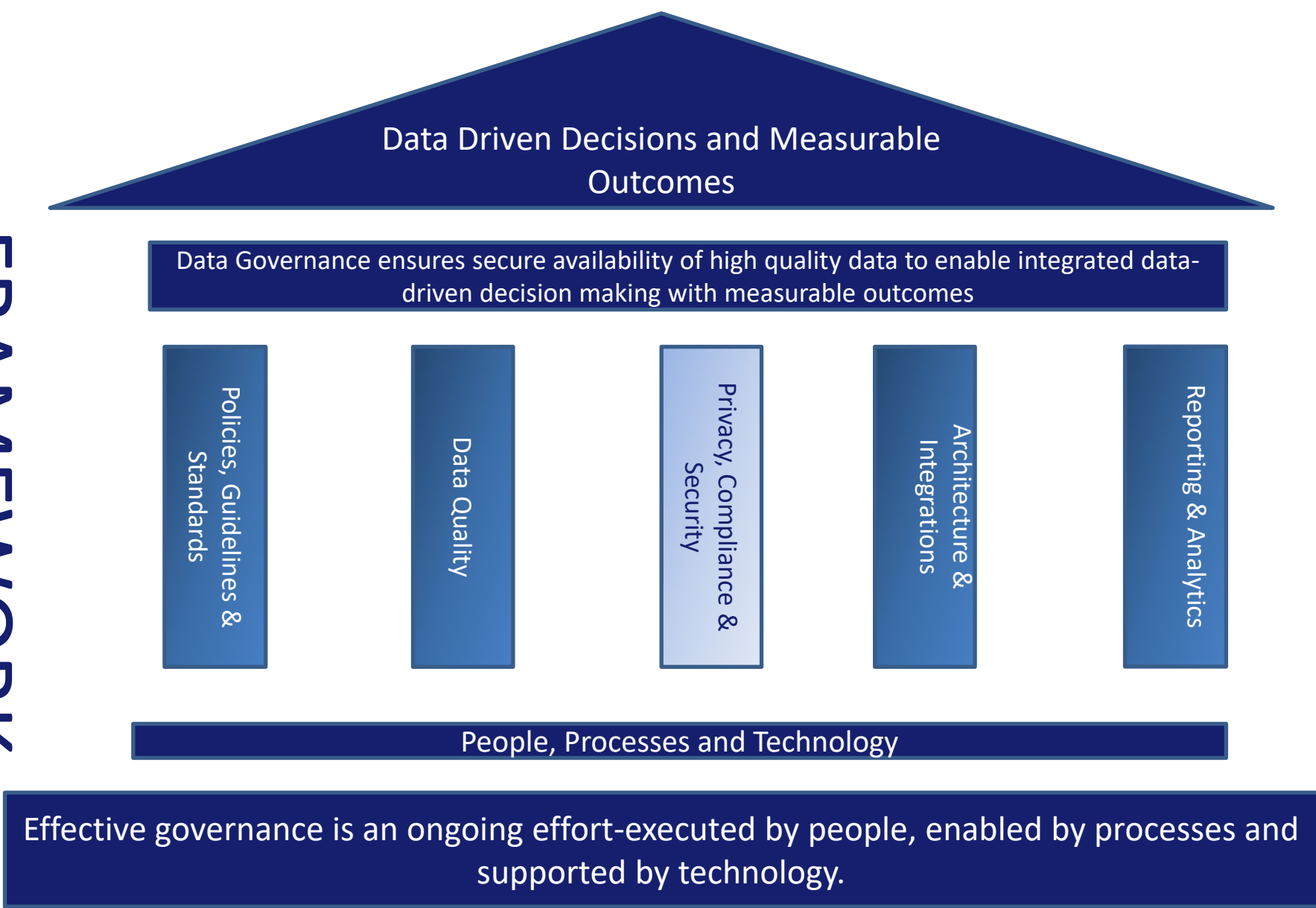
- Collaborates across the organization to share data assets
- Provides secure access to data to enforce critical data protection

04

## Develop delivery model

- Measures the success rate of data governance strategy through cyclic process
- Transforms enterprises to data-driven

# FRAMEWORK

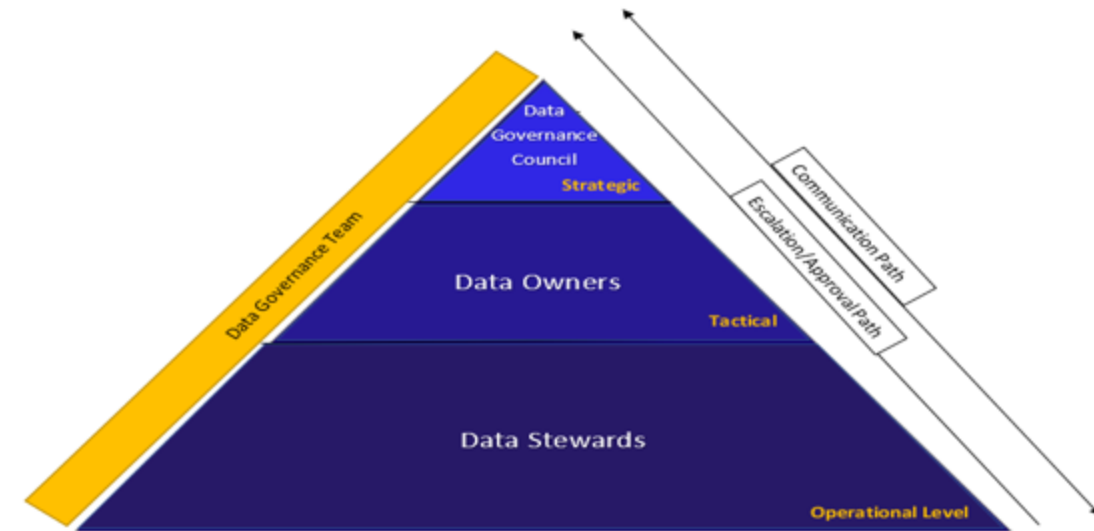


# Established Data Governance Council

The Data Governance Council is responsible for contributing to the overarching guidance concerning the policy, practice, and implementation of data governance in support of INPRS' mission and vision

## Responsibilities:

- ❑ Approve recommendations for data standards, policies, and procedures
- ❑ Approve recommendations related to the Data Governance Framework and data related strategies
- ❑ Approve, prioritize, and adopt recommendations related to improvements in data quality
- ❑ Recommend and approve policies as they relate to data retention and purging
- ❑ Annually review the Data Governance Charter and data policies, processes, and standards





# Component Level – DCAM Overview

## Overview and Uses of DCAM

DCAM integrates diverse data management principles including data management strategy, program design, organizational change, dedicated funding, data engineering, technology architecture, governance, and collaboration.

Firms are utilizing DCAM in a variety of ways throughout the data management program lifecycle, including these use cases:

### As a framework

DCAM can be adopted as a framework of the capabilities required for a comprehensive data management initiative presented as a best practice paradigm

### As an assessment tool

DCAM can be used as an assessment tool, allowing the translation of the principles of data management into actionable insights for a given enterprise, baseline measurement of data management capabilities against an industry standard, and measurement of progress

### As a global industry benchmark

The EDM Council has conducted a data management industry benchmark study since 2015. The benchmark is based on the capabilities defined in DCAM and thus can be used as a comparison analysis for organizations conducting a DCAM assessment. The last benchmark study was completed in 2020 with 218 total responses globally.

## Components

### 1.0 – Data Strategy & Business Case

Capabilities to define, prioritize, organize, fund and govern data management. This component is required to define how Data Management is embedded into the operations of an organization and aligned with the objectives of both the enterprise and Groups. A business case is expected to justify the creation and funding of DM initiatives to support prioritization and effectiveness of data investment.

### 2.0 – Data Management Program & Funding

Management and governance over the execution of DM initiatives including program management, stakeholder management, communications, training and process excellence capabilities. The funding model is designed to ensure the allocation of capital needed for sustained implementation of the program. This component also requires measurement of program outcomes, financial metrics and tracking of implementation progress.

### 3.0 – Business & Data Architecture

Capabilities to ensure integration between business process change and development and the Data Architecture (DA) activities. Business Architecture (BA) ensures that considerations such as data used in the business process, data usage, restrictions and ethics are considered and defined. This ensures that data architecture activities have adequate input to define and establish data domains, metadata and data models effectively to support the business definition, meaning and use of data.

### 4.0 – Data & Technology Architecture

This component aligns the architecture requirements of the business, data and technology domains across the organization to support the desired business process and reporting outcomes. Data Management expertise is required to work with those tasked with Technology Architecture to define technology requirements – including data storage, data infrastructure, data distribution and reporting – that support data needs. The resulting technology suite must be governed, with operational risk planning established.

### 5.0 – Data Quality Management

Capabilities to define and develop data profiling, data quality measurement, defect management, root cause analysis and data remediation. Each of these capabilities allow the organization to execute processes to ensure data is fit for purpose.

### 6.0 – Data Governance

This component defines the structure, lines of authority, roles, responsibilities, escalations, policies and routines to effectively govern data across the organization. It also ensures decision making authorities at all levels are applied to exercise control over data.

### 7.0 – Data Control Environment

A set of capabilities that together ensure that DM is executed, managed, governed and controlled across the organization. Data Control Environment requires governing bodies, leadership roles, forums, policies and data risk processes to be established and operational.

### 8.0 – Analytics Management

This component formalizes how the analytics activities of an organization are structured, executed and managed and to ensure they are aligned with the Data Management activities.

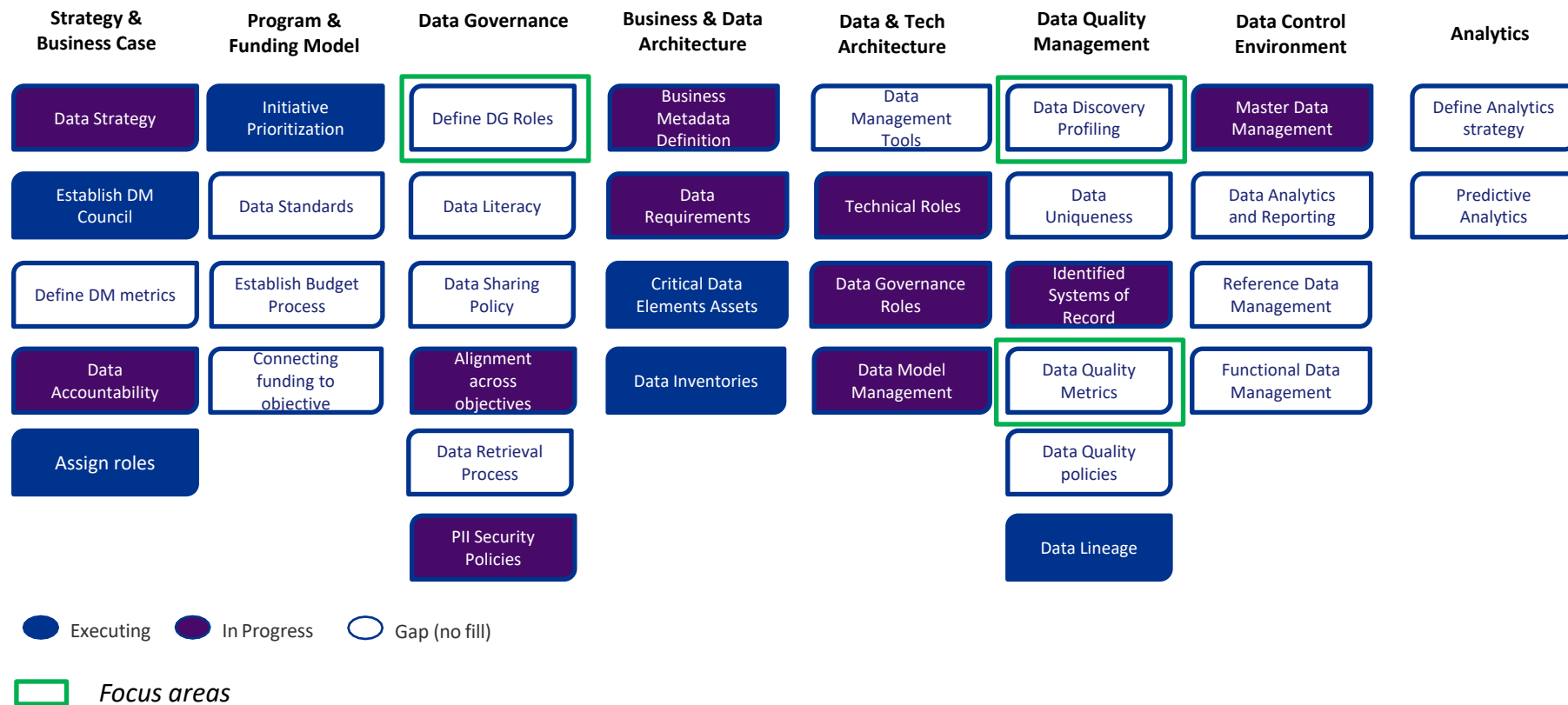
# INPRS Ratings by Component

DCAM ratings are shown below for Components 1 – 8 of the DCAM framework. Ratings are based on an average of INPRS self-assessment scoring.

Component	Rating						Observation Summary
	1	2	3	4	5	6	
1. Data Mgmt. Strategy & Business Case		2.3					Continue to communicate to drive recognition, usage, and understanding of the DM strategy as it is established across INPRS.
2. Data Mgmt. Program & Funding Model		1.9					Continue to drive change management (through training) to understand resource plans and data processes
3. Business & Data Architecture		2.1					Businesses should define business and data requirements to support the business functions. Data usage should also be reviewed against ethical guidelines and standards.
4. Data & Technology Architecture		2.0					Determine and document the dependencies between architectures to improve system understanding.
5. Data Quality Management		2.2					Evangelize the data quality strategy and processes to drive understanding across the organization.
6. Data Governance		2.1					Continue to provide data governance education to drive understanding and usage across INPRS.
7. Data Control Environment		1.9					The assessment score for this capability should increase by defining controls and measures to govern the use and management of data throughout the organization.
8. Analytics Management		1.7					Continue to educate business on analytics, particularly the operating model and analytics initiatives.
<b>OVERALL SCORE</b>	<b>2.025</b>						

# DCAM Progress Map

The DCAM Process Map was created to showcase our progress, align internally, and highlight our next focus areas. The efforts include data governance/data quality framework supporting Member Domain CDEs, data quality management roles & responsibilities, data profiling and remediation recommendations.

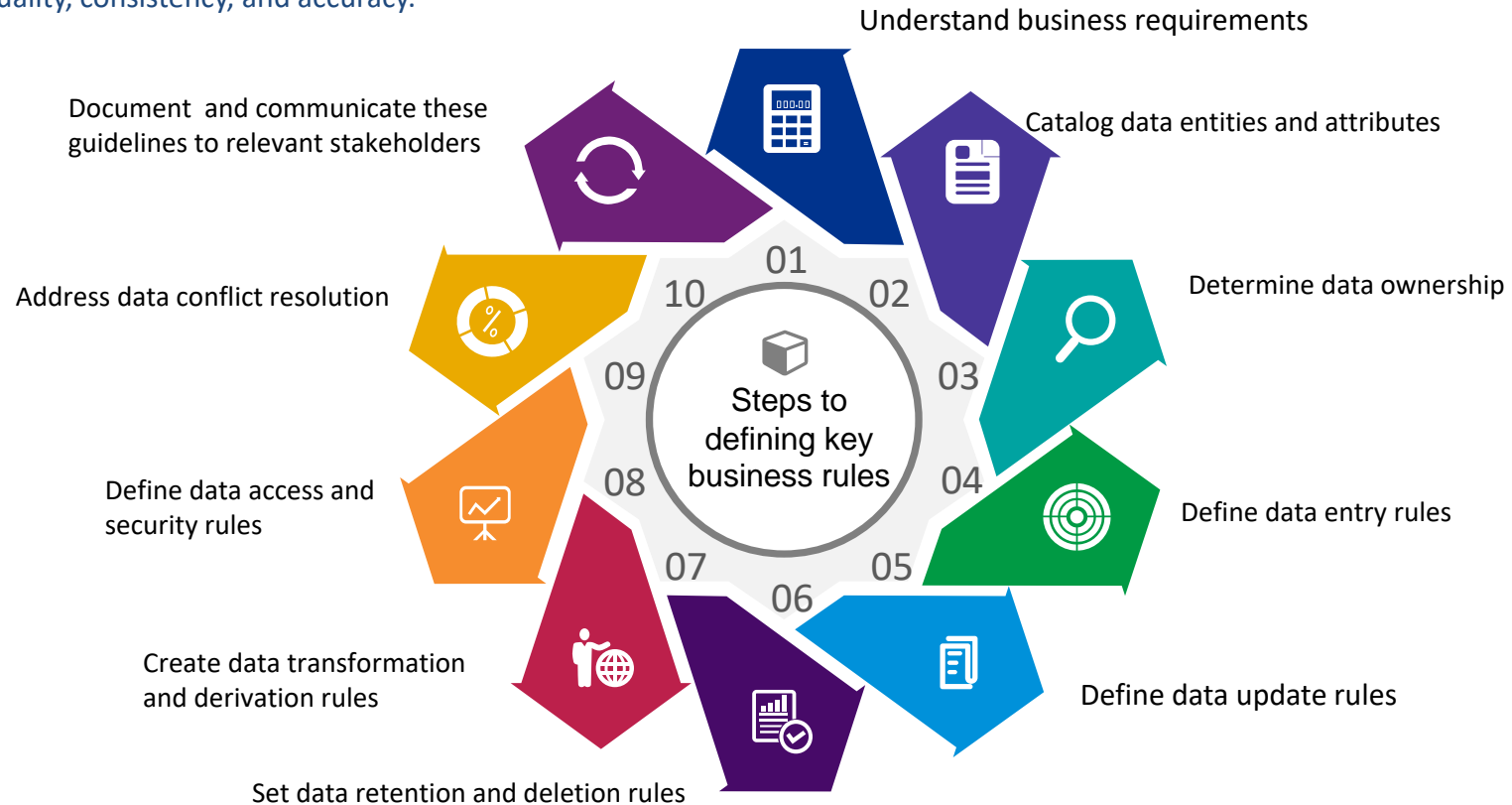


# Focus on Value-First Use Case

- Assign Data Domains, Data Owners and Data Stewards
- Develop Member Data Inventory w. focus on Business Critical Data Elements (BCEs)
- Create Member Data Catalog to be available enterprise wide
- Define business rules and data quality rules
- Profile data and demonstrate data quality
- Create Metrics/Dash boards/Score Cards

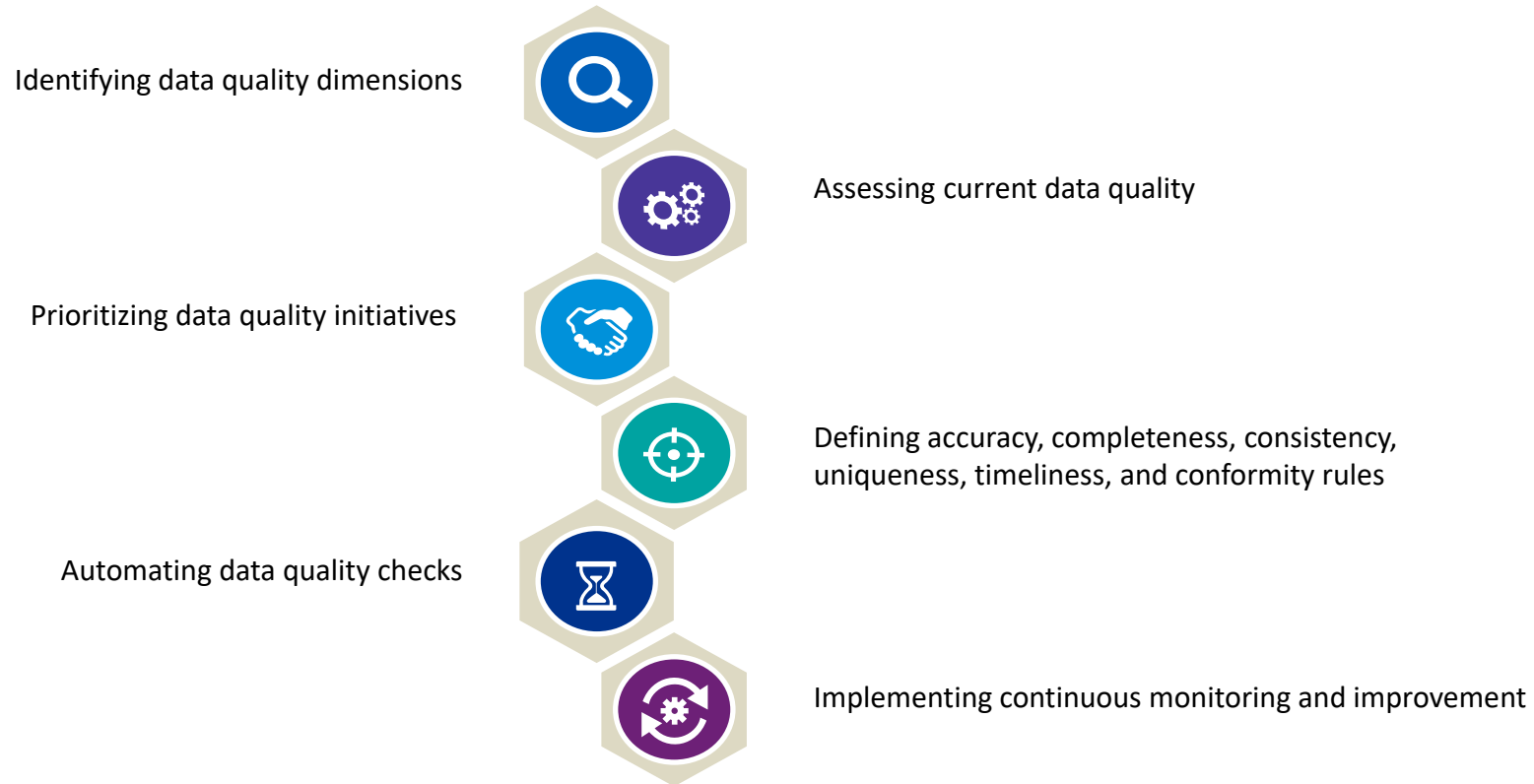
# Defining Key Business Rules

Defining key business rules refers to establishing guidelines governing the creation, update, deletion, and maintenance of data to ensure data quality, consistency, and accuracy.



# Defining Data Quality Rules

Defining data quality rules involves creating guidelines that complement the key business rules to ensure data accuracy, completeness, and consistency. This is achieved by following the steps below:



By following these steps, INPRS can establish a comprehensive set of data quality rules that will work cohesively with the key business rules to enhance data reliability, leading to better decision-making and improved organizational efficiency.

# Business Critical Data Elements(Member)

- Member Data Inventory: 115 Defined Data Elements
  - 21 Business Critical Data Elements (BCEs)
  - 111 business and data quality rules defined



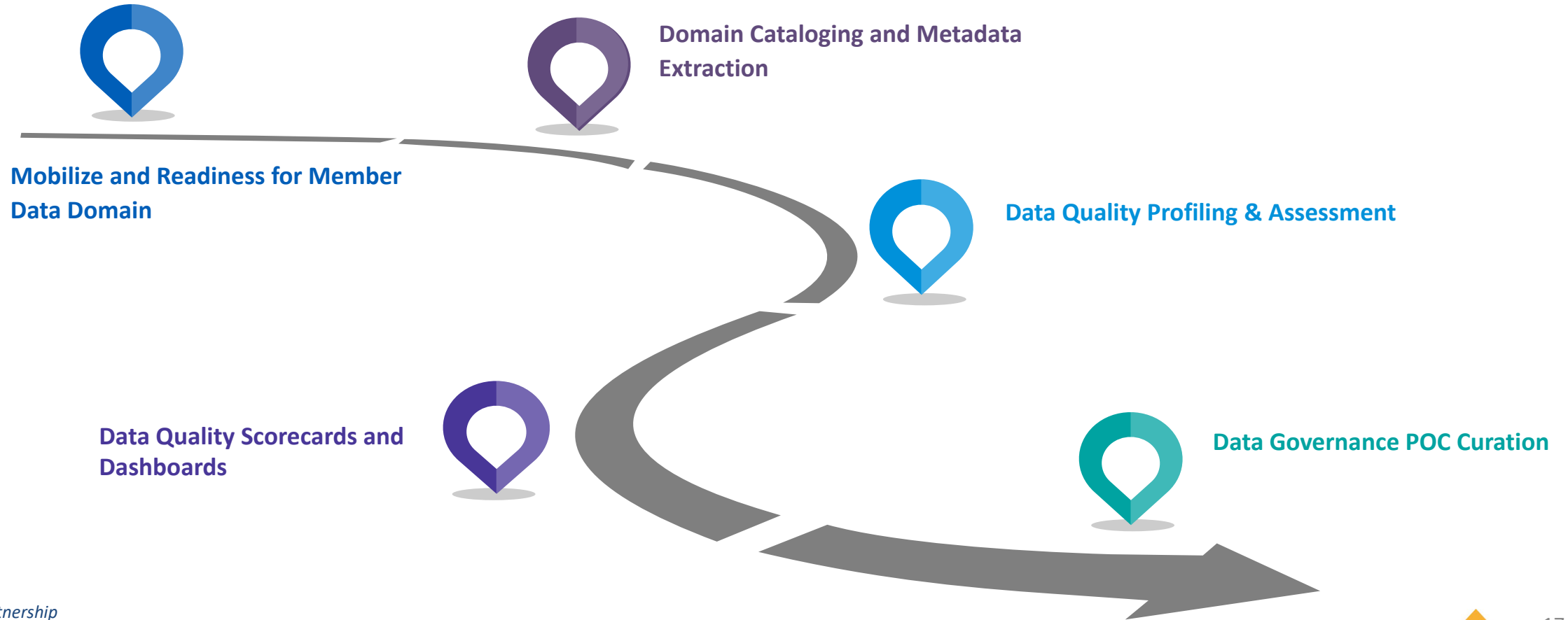
## Informatica POC





# Data Governance Proof of Concept (POC) Journey

INPRS's Journey to elevate data governance, incorporating Business Critical Elements (BCE's) for member domain, cataloging technical metadata and enabling data quality.



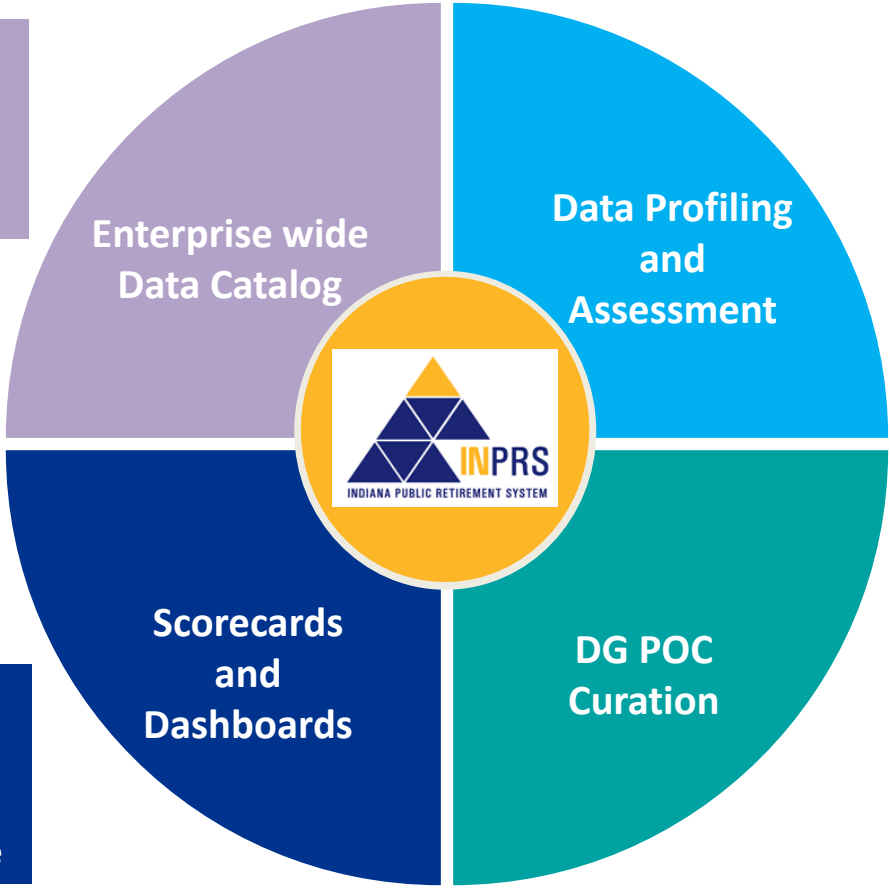
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# Data Governance POC - Value added to INPRS

Tangible benefits and value added to INPRS from implementing this Data Governance POC

- ✓ Increased data accessibility and understanding
- ✓ Efficient Collaboration and discovery for all users
- ✓ Data-Driven culture with alignment to business needs

- ✓ Reduce decision making complexity
- ✓ Increased confidence in Data-Driven decision-making
- ✓ Enhanced regulatory compliance and governance

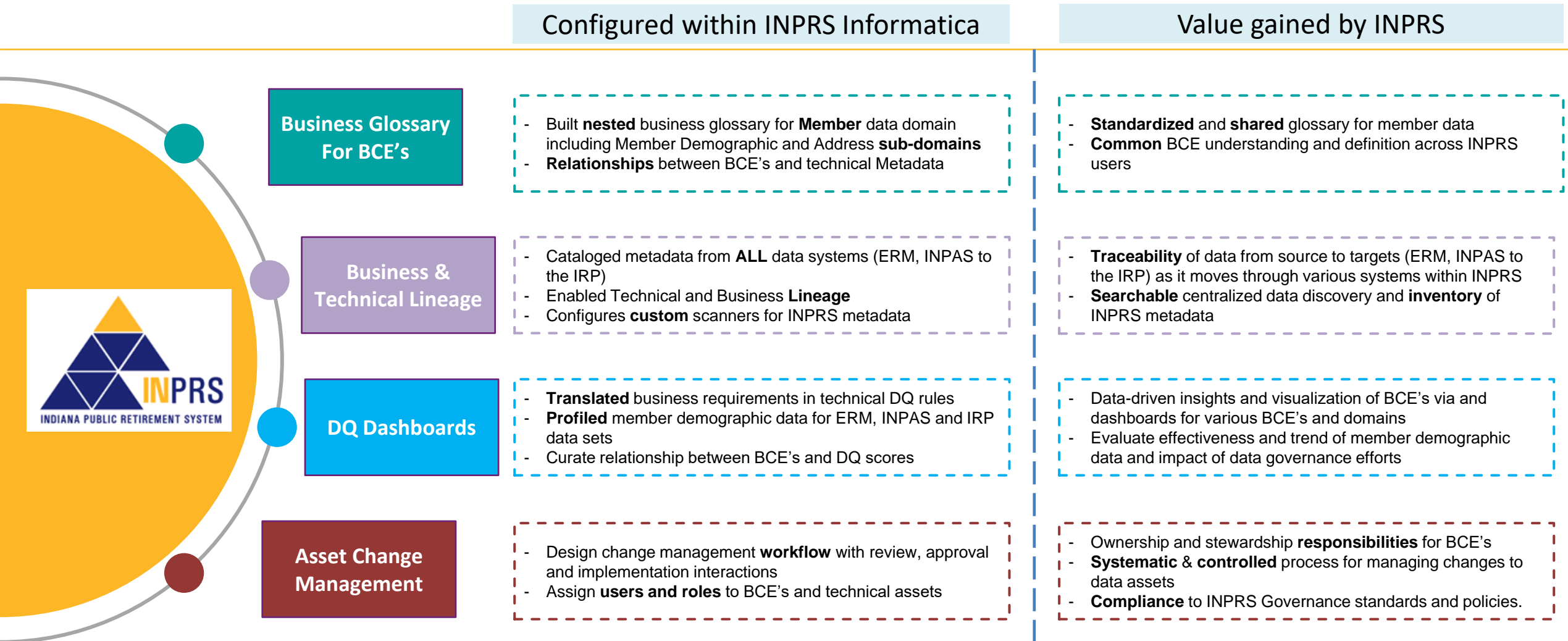


- ✓ Identification of data anomalies, inconsistencies, and errors
- ✓ Agility in managing data issues and data quality
- ✓ Enhanced data analysis and decision-Making

- ✓ Structured approach to managing data governance changes
- ✓ Clearly defined roles, responsibilities, and processes for effective implementation
- ✓ Cultivating a Culture of Innovation: Collaboration and knowledge sharing

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# POC Demo Topics within Informatica IDMC

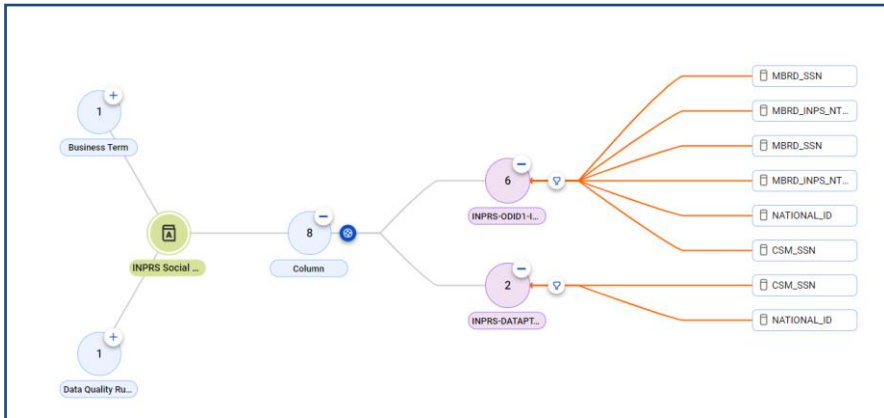


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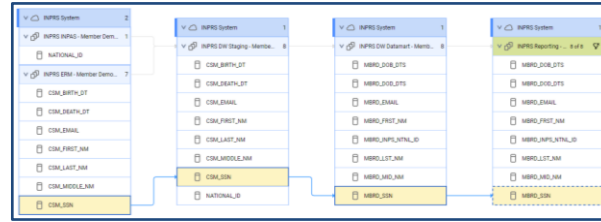
# Snapshot of Informatica Capabilities

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## Glossary Relationship with Metadata (SSN)



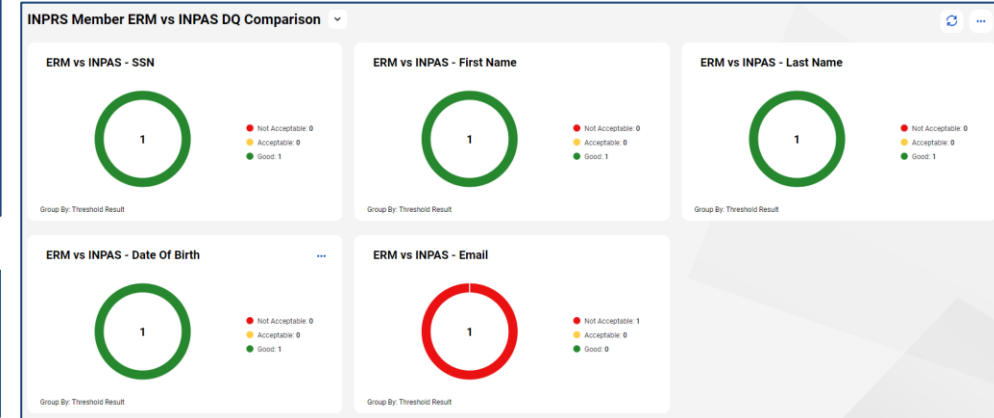
## Business Lineage (SSN)



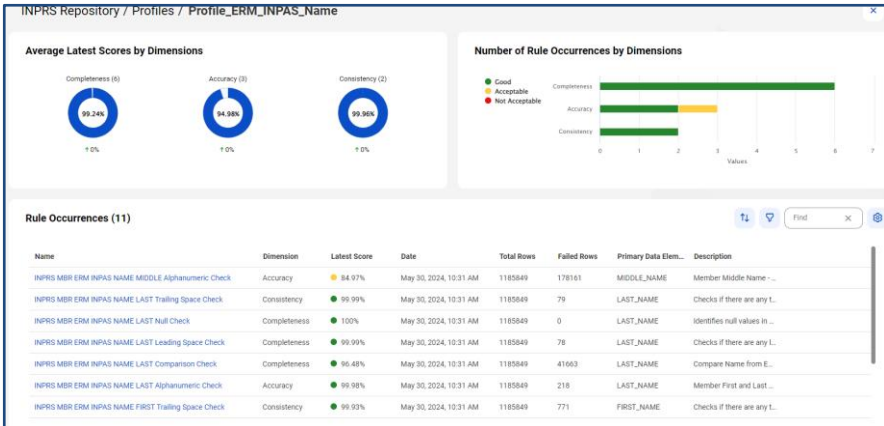
## Technical Lineage (SSN)



## DQ ERM vs INPAS Dashboard



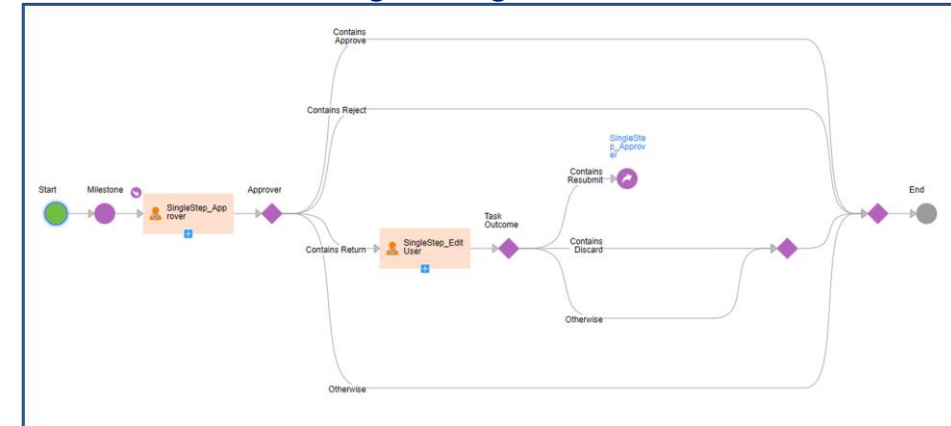
## Scorecard – INPAS Names



## Informatica CLAIRE AI



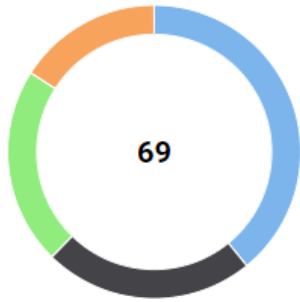
## Change Management Workflow



# INPRS ERM - Member BCE Data Quality Scores



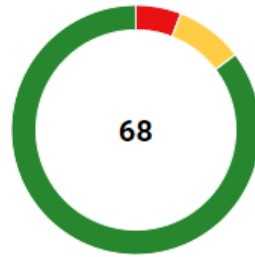
## ERM Member Demographic - DQ Dimension



● Completeness: 27   ● Validity: 16   ● Consistency: 15  
● Accuracy: 11

Group By: Dimension

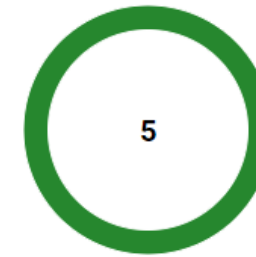
## ERM Member Demographic - DQ Score



● Not Acceptable: 4  
● Acceptable: 6  
● Good: 58

Group By: Threshold Result

## Member SSN



● Not Acceptable: 0  
● Acceptable: 0  
● Good: 5

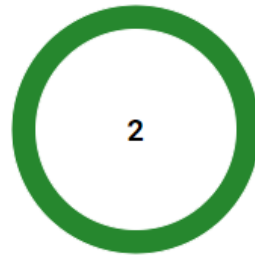
Group By: Threshold Result

## Member SSN DQ Dimension



Group By: Dimension

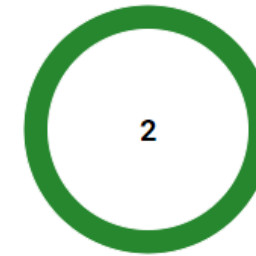
## Member First Name



● Not Acceptable: 0  
● Acceptable: 0  
● Good: 2

Group By: Threshold Result

## Member Last Name

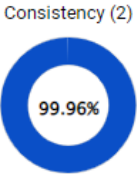
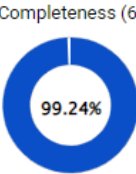
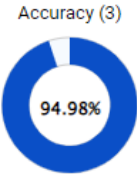


● Not Acceptable: 0  
● Acceptable: 0  
● Good: 2

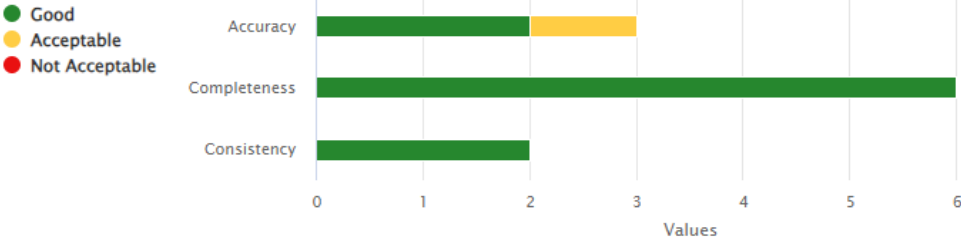
Group By: Threshold Result

INPRS Repository / Profiles / Profile\_ERM\_INPAS\_Name

Average Latest Scores by Dimensions



Number of Rule Occurrences by Dimensions



Rule Occurrences (11)

↕
🔍

✕

Name	Dimension	Latest Score	Date	Total Rows	Failed Rows	Primary Data Element	Description
<a href="#">INPRS MBR ERM INPAS NAME MIDDLE Alphanumeric Check</a>	Accuracy	● 84.97%	May 28, 2024, 12:14 PM	1185849	178161	MIDDLE_NAME	Member Middle Name - If not null or blan...
<a href="#">INPRS MBR ERM INPAS NAME LAST Trailing Space Check</a>	Consistency	● 99.99%	May 28, 2024, 12:14 PM	1185849	79	LAST_NAME	Checks if there are any trailing spaces.
<a href="#">INPRS MBR ERM INPAS NAME LAST Null Check</a>	Completeness	● 100%	May 28, 2024, 12:14 PM	1185849	0	LAST_NAME	Identifies null values in an input field. Ret...
<a href="#">INPRS MBR ERM INPAS NAME LAST Leading Space Check</a>	Completeness	● 99.99%	May 28, 2024, 12:14 PM	1185849	78	LAST_NAME	Checks if there are any leading spaces.
<a href="#">INPRS MBR ERM INPAS NAME LAST Comparison Check</a>	Completeness	● 96.48%	May 28, 2024, 12:14 PM	1185849	41663	CSM_LAST_NM	Compare Name from ERM and INPAS
<a href="#">INPRS MBR ERM INPAS NAME LAST Alphanumeric Check</a>	Accuracy	● 99.98%	May 28, 2024, 12:14 PM	1185849	218	LAST_NAME	Member First and Last Name - Must be p...
<a href="#">INPRS MBR ERM INPAS NAME FIRST Trailing Space Check</a>	Consistency	● 99.93%	May 28, 2024, 12:14 PM	1185849	771	FIRST_NAME	Checks if there are any trailing spaces.





# QUESTIONS

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# Appendix





# Operationalize Data Governance with Informatica



KPMG Accelerators

# Table Of Context

<b>Data Governance and It's Value</b>	<b>27</b>
<b>KPMG and Informatica</b>	<b>31</b>
<b>Data Governance Accelerators and Enablers</b>	<b>34</b>



# Data Governance and It's Value

# Consequences of Poor Data Governance

The absence of effective Data Governance has real consequences on timing and cost impacts to the organization. For example, a financial services client is currently experiencing the consequences of poor quality data, and learning that it has a direct and impact on the organization's ability to serve its customers in a variety of ways.



## Delayed Projects

Inability to quickly and easily onboard data for new initiatives – resulting in delays in implementing and operationalizing projects

## Frustrated Customers

Lack of centralized location to search for and access the right data leading to poor quality customer service – resulting in frustrated customers/end users, thereby impacting productivity

## Inability To Meet Regulatory Requirements

Differing definitions / taxonomies used to describe the same facts or metrics, resulting in inaccurate reporting or the inability to demonstrate documented data lineage regulators (e.g. gaps to BCBS 239 compliance)

## Lack of Confidence in Data

Inaccurate business definitions and absence of data quality control caused improper data usage in projects - resulting in rework, poor health of data & costly remediation efforts

## Lost opportunities

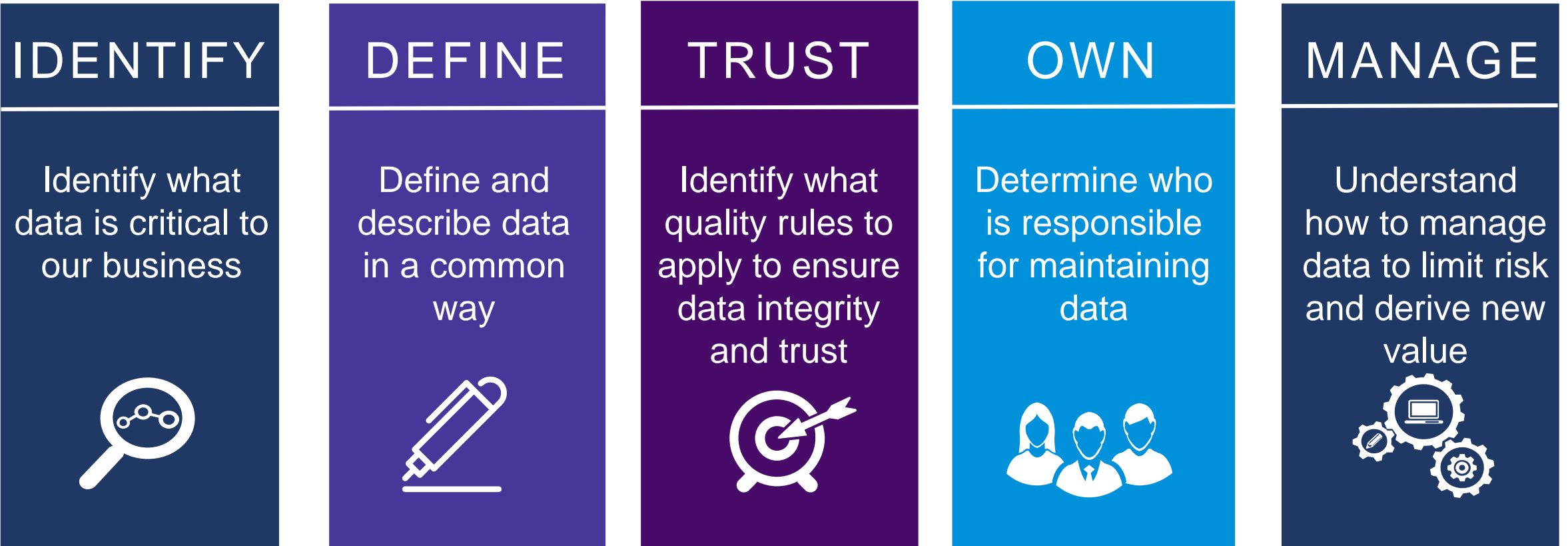
Tens of millions in unrealized advanced analytics driven opportunities for revenue uplift, data monetization, cross selling, procurement, working capital, human capital (and so on)

## Lack of Accountability

Lack of clearly defined data governance roles & responsibilities leading to confusion on ownership of data issues and preventing timely access to data

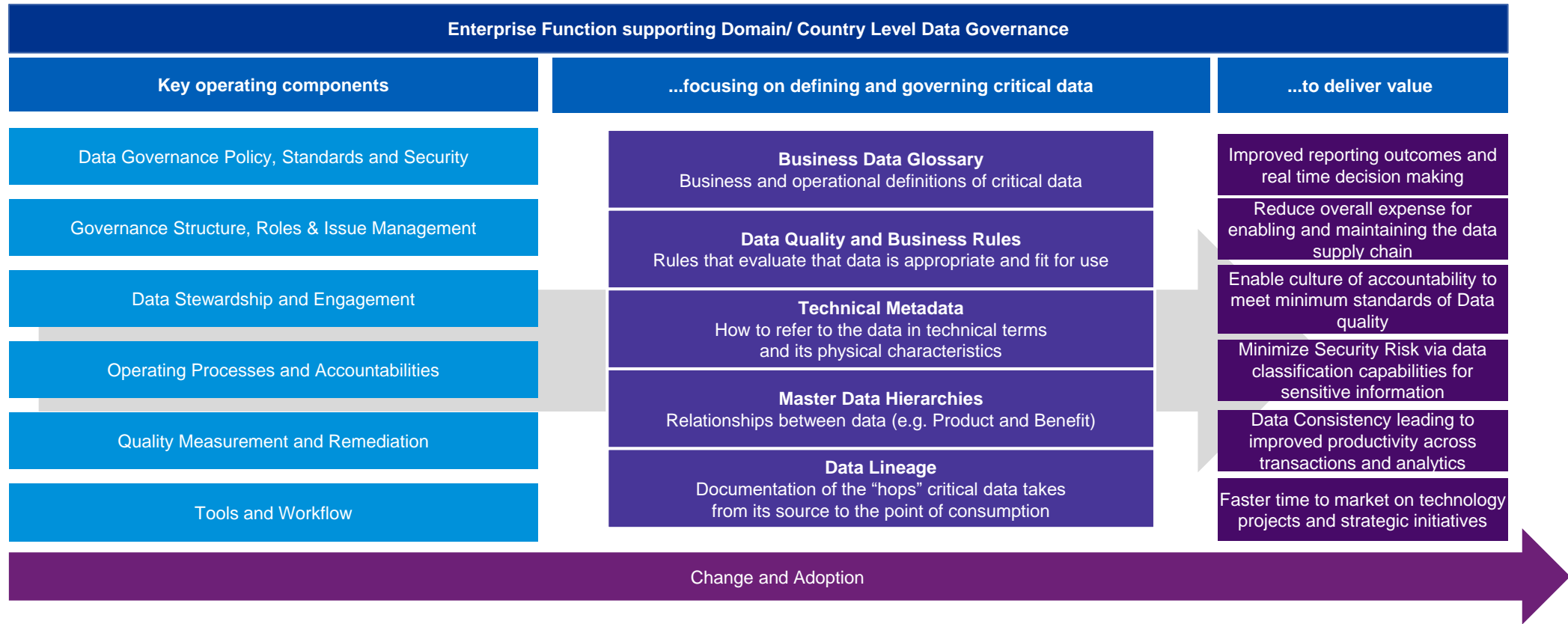
# What is Data Governance?

A Discipline for Managing Data to ensure it can be Trusted and Harnessed to Create Value for our Business. It encompasses structures, people, processes, Technology and permissions to ensure that high data quality exists throughout the complete lifecycle of the data.



# What Does it Take To Manage Data?

Beyond policy and committees, proactive data management and a robust data governance foundation establishes an operating model (policy, roles, processes, tools, measures) to engage 1st line stakeholders and is focused on improving accountability, transparency, confidence, and efficiency in the management of the critical data underlying an organization’s analytics and reporting capabilities





# KPMG & Informatica

# KPMG and Informatica strategic alliance overview

KPMG's delivery capabilities in this space are recognized around the world, resulting in numerous awards, a successful KPMG/Informatica partnership, successful E2E planning, reporting and implementations

## Informatica On-prem, Cloud and other data/reporting experience

17,300+

Lighthouse Experts



224+

Informatica Tool Expertise Certifications



1 of 50



Informatica Strategic Global Systems Integrator partner

Awarded the **Global Innovation Partner of the Year for 2022** by Informatica



- Recognizing our unique contributions to advancing **data management, cloud modernization, and digital transformation** for our clients
- Our partnership with Informatica unlocks new opportunities for **growth, efficiency, and innovation** by leveraging **cutting-edge technology** and **best practices** to deliver bespoke solutions tailored to our clients' unique challenges

Named the **Leader in Data Management Service Providers in Q4 2021** by The Forrester Wave

Key strengths highlighted were KPMG's human-centric approach helping clients see data as a strategic asset. We were praised for our actionable guidance and expertise in connecting data to processes and decisions.

Data Management & Data Governance Solutions Innovator



- Leader in large-scale On-Prem / Cloud EDM projects
- Worked on multiple end-to-end EDM implementations involving the setup of the Informatica Suite of Products (EDC/Axon/IDQ/MDM/DPM) in Cloud Environments
- Informatica is a key technology in several KPMG market facing solutions including KRIS (Health & Human Services Solution for SLG), Modern Data Platform (powered by Axon, EDC, IDQ, MDM, and IICS), Powered Data Migration, Citizen 360 (Healthcare), and Domain based Data Governance (Finance & State / Local Government)

## Engage with KPMG and Informatica

Engagements provided by KPMG and Informatica via the Intelligent Data Management offering include:

- ✓ Cloud data migration **readiness assessment & Migration** to a cloud warehouse/data lake (Azure, AWS, Snowflake)
- ✓ Action plan for complying with **data privacy and regulations**, such as CCPA
- ✓ Execution of **data quality, profiling, cleansing roadmaps** & developing analytic tools to track improvement
- ✓ Execution of **Data Lineage** and providing insights into **Authorized / Golden sources** of data
- ✓ Development of **master data** and **reference data** solutions

33+

Informatica clients



50+

Informatica On-Prem / Cloud projects



44

KPMG countries with Informatica capabilities









# Why KPMG and Informatica?

KPMG and Informatica are working together to leverage cutting-edge technologies, such as AI and machine learning, to bring value to key business and data stakeholders and helping to solve even our clients' most challenging needs across the data supply chain.

## **Services**

## **Solutions**

## **Journeys**

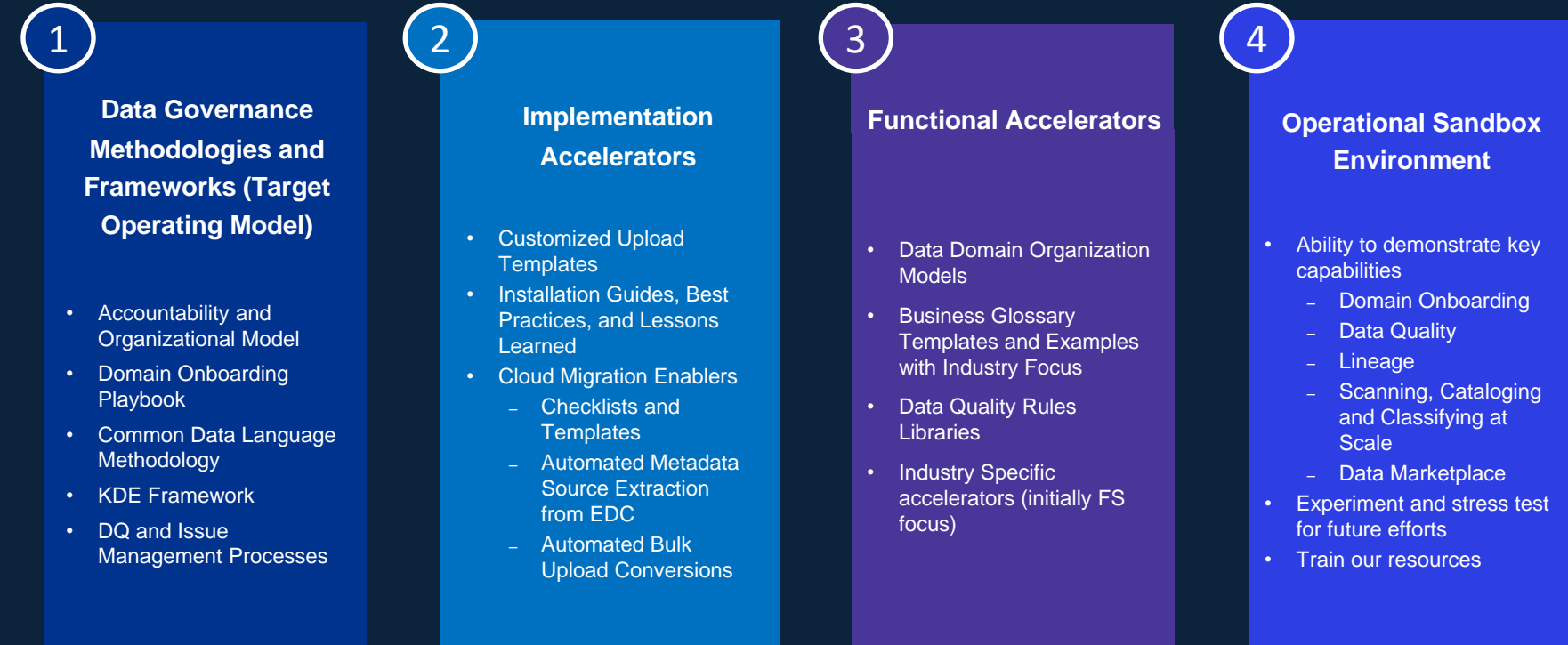
<b>Cloud Data Warehouse / Lake</b>	<ul style="list-style-type: none"> <li>— Cloud enablement strategy and connection to business value</li> <li>— Target state architecture design and cloud component identification</li> <li>— Implementation activities to support data integration in the cloud (e.g., configuration, data migration, data validation, etc.)</li> <li>— BI &amp; Analytics, AI, Machine Learning</li> </ul>	<ul style="list-style-type: none"> <li>— Intelligent native cloud services that are scalable across all ingestion use cases and all cloud platforms to provide analytics and AI for Cloud Data Warehouses and Lakes.</li> <li>— User experience and monitoring capabilities</li> <li>— Comprehensive cloud data management</li> </ul>	 <p>Analytics, AI, CDW/L</p>
<b>Data Governance &amp; Privacy</b>	<ul style="list-style-type: none"> <li>— Standards, policies, and procedures for data ownership and stewardship; op / process model design &amp; execution</li> <li>— DQ assessment, identification of critical business data, and design / build of data quality and validation rules</li> <li>— Data scanning / profiling and development of data catalog</li> <li>— Data classification and security / privacy (e.g., CCPA)</li> </ul>	<ul style="list-style-type: none"> <li>— Automated capabilities and intelligent data tagging functionality</li> <li>— Intelligent data discovery and profiling</li> <li>— AI-enabled DQ rule generation and automated assessments</li> <li>— Execution of data quality rules; linkage to enterprise data catalog</li> <li>— Cloud data marketplace to support self-service capabilities</li> </ul>	 <p>Data Governance And Privacy</p>
<b>Master Data Management</b>	<ul style="list-style-type: none"> <li>— Master data management (MDM) strategy and business case development in alignment with organizational priorities</li> <li>— MDM design and delivery experience (e.g., implementing match / merge rules) and accelerators to decrease time to value</li> <li>— Functional experience across domains – customer, product, supplier, item, business unit, finance, etc.</li> </ul>	<ul style="list-style-type: none"> <li>— Process-driven workflows for onboarding and managing business-critical data</li> <li>— Integrated cloud data management solutions enabling advanced analytics and strategic insights</li> <li>— 360 based applications for Finance, Retail, and Healthcare</li> </ul>	 <p>MDM and 360 Applications</p>
<b>Cloud App &amp; Data Integration</b>	<ul style="list-style-type: none"> <li>— Application integration strategy</li> <li>— API development, integration, and management</li> <li>— Requirements and design for low code / no code application development</li> <li>— Microservices architecture design and support</li> </ul>	<ul style="list-style-type: none"> <li>— Connectors to 400+ ISVs out of the box and 50,000+ pre-configured connectors</li> <li>— Low Code/ No Code Application Development for DevOps</li> <li>— Integrated API management</li> <li>— Low latency/high volume microservices deployment</li> <li>— Kubernetes containers on Elastic</li> </ul>	 <p>Application Integration &amp; Hyper-Automation</p>



# KPMG Data Governance Accelerators and Enablers

# Informatica Data Governance Accelerators

Through our knowledge and expertise, KPMG has developed customized accelerators and enablers to support our client's Data Governance journeys:

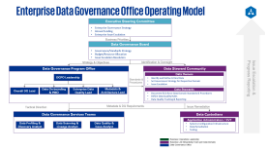
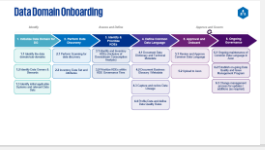

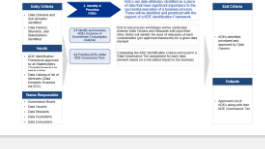




- ✓ Account for **real word, practical business use cases**
- ✓ Prioritize a **customer centric** view of the organization's data
- ✓ Are **contextualized to our client's industry**
- ✓ Tailor tooling to align with **KPMG proven DG methodologies and frameworks**

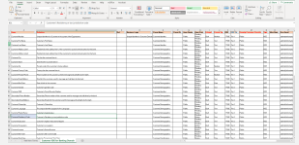

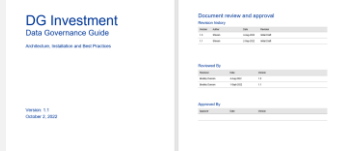




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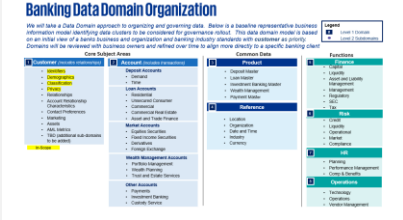
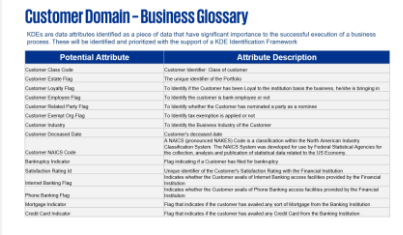
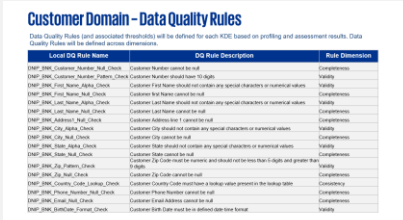
# Data Governance Methodologies & Frameworks

Accelerator	Description	Business Value	Sample Artifacts
Accountability and Organizational Model	Detailed and structured approach to implementing and achieving a data governance program	<ul style="list-style-type: none"> <li>Reduce overall time and effort required to implement a data governance program</li> </ul>	
Data Domain Onboarding Playbook	Detailed instructions and guidance on onboarding new data domains into the data governance solution	<ul style="list-style-type: none"> <li>Quickly and seamlessly onboard new data domains as needed</li> <li>Reduce time and effort required to onboard new data domains</li> </ul>	
Common Data Language Methodology	A framework for managing the business's data to align with reporting and business needs	<ul style="list-style-type: none"> <li>standardization of data and business processes across the organization while reducing manual processes and cost</li> </ul>	
Data Governance Key Data Element (KDE) Identification and Prioritization Framework	Comprehensive process for identifying and prioritizing KDE's into the data governance solution	<ul style="list-style-type: none"> <li>Quickly and efficiently identify and categorize KDEs through out the business</li> </ul>	
Data Quality & issue Management Methodology	Guidance and approach to identifying, remediating and managing data quality issues	<ul style="list-style-type: none"> <li>Quickly identify and resolve data quality issues</li> </ul>	
Data Governance Policy & Standards	Guidance on the proper data governance Policy and standards recommended by KPMG	<ul style="list-style-type: none"> <li>Quickly build and establish the foundation for your data governance program by identifying and implementing key data governance policies and standards</li> </ul>	

# Implementation Accelerators

Accelerator	Description	Business Value	Sample Artifacts
Customized Axon Bulk Upload templates	Custom built template to bulk upload metadata into various facets within Axon (e.g. Glossary, Attribute, Data Sets, Systems)	<ul style="list-style-type: none"> <li>Reduce overall cost and time to scale and ensure seamless processing</li> <li>Make adding facets a quick and simple process</li> </ul>	
Informatica Installation Guides, Best Practices, and Lessons Learned	Detailed instructions on the installation and configuration of the Informatica data governance tools	<ul style="list-style-type: none"> <li>Reduce overall time and effort required to manually install and configure the tools</li> </ul>	
Informatica Administration Runbooks	Instructional guidance on managing the informatica suite of data governance tools. Addressing issues such as environment configuration, tool installation, and issue management.	<ul style="list-style-type: none"> <li>Better manage and optimize the cloud environment</li> <li>Troubleshoot issues more easily</li> </ul>	
Prebuilt Axon Workflows (aligned to Data Governance TOM and Processes)	Prebuilt workflows outlining the steps for defining, creating, or modifying an object in Axon	<ul style="list-style-type: none"> <li>Ensure the proper steps are taken, users notified, and approvals granted for desired processes</li> </ul>	
Axon Tool Functionality Guide	Detailed instructions highlighting the main functionality and capabilities of Axon. Primarily for pre designated data custodians and coordinators	<ul style="list-style-type: none"> <li>Facilitate the learning and adoption of Axon and the remaining suite of Informatica data governance tools</li> </ul>	

# Industry Specific Functional Accelerators

Accelerator	Description	Business Value	Sample Artifacts
<p><b>Domain Organization Models</b></p>	<p>Representative industry specific data domain models, based on organizational and industry standards</p>	<ul style="list-style-type: none"> <li>Quickly and easily begin data governance roll out by having a baseline of organizational data domains pre identified</li> </ul>	
<p><b>Business Glossaries</b></p>	<p>Pre-defined set of industry specific data Glossary Terms, based on organizational and industry standards</p>	<ul style="list-style-type: none"> <li>Reduce time and effort required to identify and create business glossary</li> </ul>	
<p><b>Data Quality Rules Libraries</b></p>	<p>Pre-defined set of industry specific data quality rules, based on organizational and industry standards</p>	<ul style="list-style-type: none"> <li>Reduce time and effort required to identify and create data quality rules</li> </ul>	

# Sandbox Environments

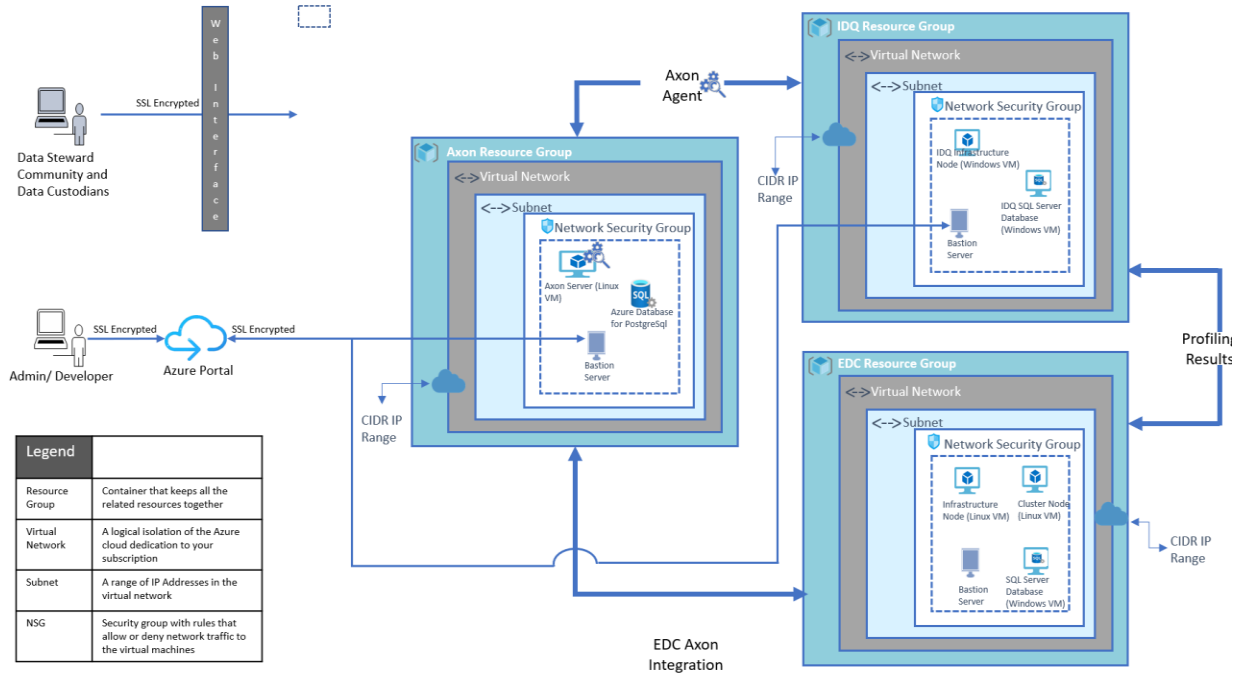
We have two fully functioning sandbox environments to support our solutions, leveraging both the on prem suite of Informatica data governance tools installed on Azure VMs as well as Informatica's Data Management Cloud offering. We've migrated our on prem solutions to the SaaS offering while capturing lessons learned and developing accelerators to assist client's on their cloud migration journey.

## Sandbox Advantages

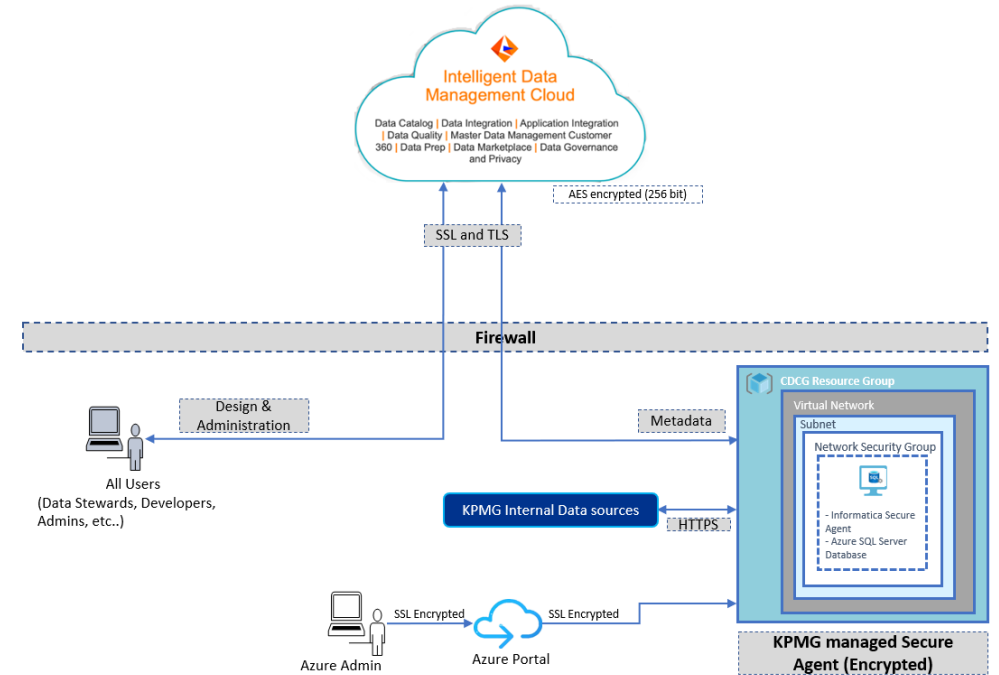
- Leverage on client engagements for simulations/ testing purposes
- Stress testing of new design patterns

- Train resources
- Implement and test a variety of relevant real-world use cases.

## On-Prem Sandbox Environment

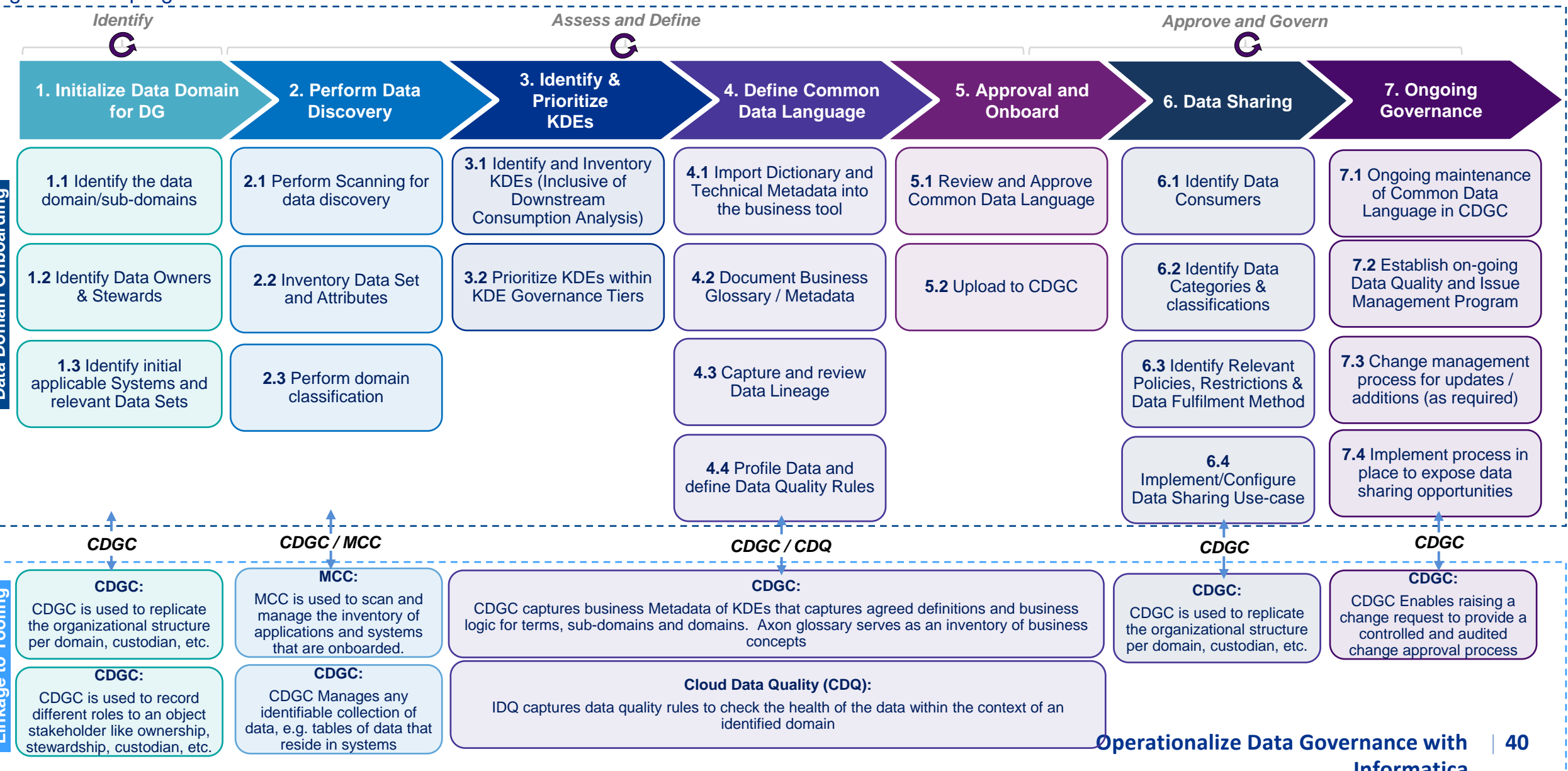


## IDMC Sandbox Environment



# Data Governance | Domain Onboarding and Linkages to Tooling

With Informatica's suit of data governance tools, coupled with KPMG's onboarding methodology, quickly and easily onboard new data domains into your data governance program





# Use Case Summary

Use cases have been developed with real-world business scenarios to demonstrate to our clients, showcasing Informatica capabilities and KPMG built accelerators to facilitate adoption and add business value along our client's data governance journeys.

Use Case Category	Description	Capabilities Showcased	Tool
Data Lineage	An important regulatory summary report required for compliance has come under question by leadership due to incorrect calculations appearing on the report. Data custodians must trace back to the various source systems from which this report is pulling its data and identify where along that path issues are occurring.	<ul style="list-style-type: none"> <li>Integration of EDC with Axon</li> <li>Easily search for business terms in Axon</li> <li>Identify data source of business terms, discover physical attribute linkages</li> <li>View and investigate detailed data lineage in EDC, including attribute level transformations</li> <li>EDC automated lineage scanning</li> </ul>	<ul style="list-style-type: none"> <li>Axon</li> <li>EDC</li> </ul>
Data Scanning & Domain Classification	After undertaking a large-scale merger and acquisition, a company has acquired hundreds of new systems and data sets. The company is tasked with defining and overseeing a process to quickly and efficiently scan and classify (at scale) all new source systems being onboarded to the business	<ul style="list-style-type: none"> <li>Ability to connect to various source systems and system types</li> <li>Automate and monitor the scanning of source systems at scale</li> <li>Capture data profiling and data insight from scanning results</li> </ul>	<ul style="list-style-type: none"> <li>EDC</li> </ul>
Data Quality	The market analytics team wants to ensure a critical customer dashboard has the best and most accurate information available for a specific list of customer fields. Data stewards are tasked with identifying the various source systems from which the dashboard will pull in these customer metrics, and determining which of these systems house the best quality data for the report.	<ul style="list-style-type: none"> <li>IDQ integration with Axon</li> <li>Easily search for business terms in Axon</li> <li>Axon Data Quality Lineage View</li> <li>IDQ detailed Data Quality Scorecard</li> <li>Data Quality rules implementation in IDQ, including CLAIRE functionality for intelligent rule creation</li> </ul>	<ul style="list-style-type: none"> <li>Axon</li> <li>IDQ</li> </ul>
Data Onboarding	A new project within the business is launching, including the addition of new data domains, subdomains, glossary terms and facets. A data steward is tasked with identifying a standardized mechanism to govern, enforce, track, execute, and monitor all the moving parts and ensure this data gets onboarded correctly	<ul style="list-style-type: none"> <li>Automated Data Discovery in EDC</li> <li>Axon Bulk Uploading of terms / facets</li> <li>Axon Approval Workflow</li> <li>Industry specific KDE Framework</li> <li>Customized Glossary facet, aligned to KDE Framework</li> </ul>	<ul style="list-style-type: none"> <li>EDC</li> <li>Axon</li> </ul>
Axon Marketplace	The marketing department at a financial institution would like to perform marketing advanced analytics, specifically identifying cross selling opportunities. A data scientist creating an analytics model to identify these cross selling opportunities needs a way to easily search for, identify, request and access the relevant data needed for the model	<ul style="list-style-type: none"> <li>Self service functionality and the ability to explore marketplace</li> <li>Monitor End to End view of the process from request to fulfillment</li> <li>Integration between Axon and Marketplace</li> <li>View data quality, sample data, associated policies tied to requested data</li> </ul>	<ul style="list-style-type: none"> <li>Axon Data Marketplace</li> </ul>





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