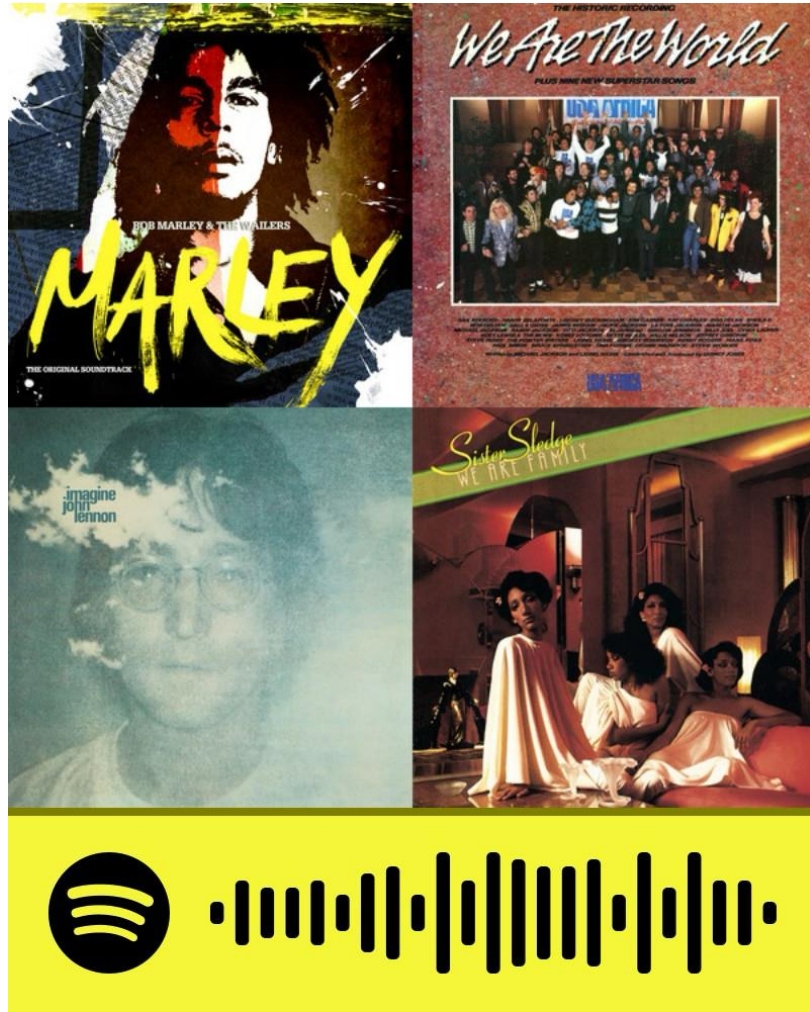
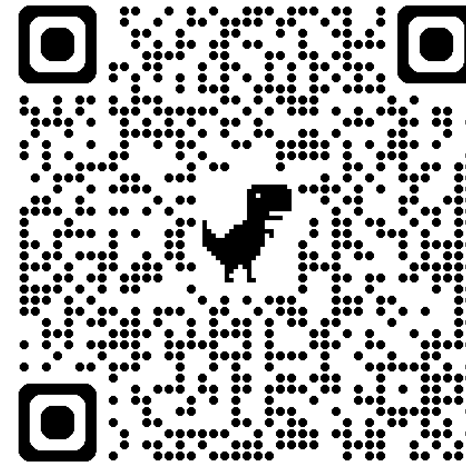


SPOTIFY PLAYLIST FOR THIS SESSION



A hand picked selection of cool inspirational vibes curated by Andrew, Howard and Veronica Diesel to convey our passion for this topic.

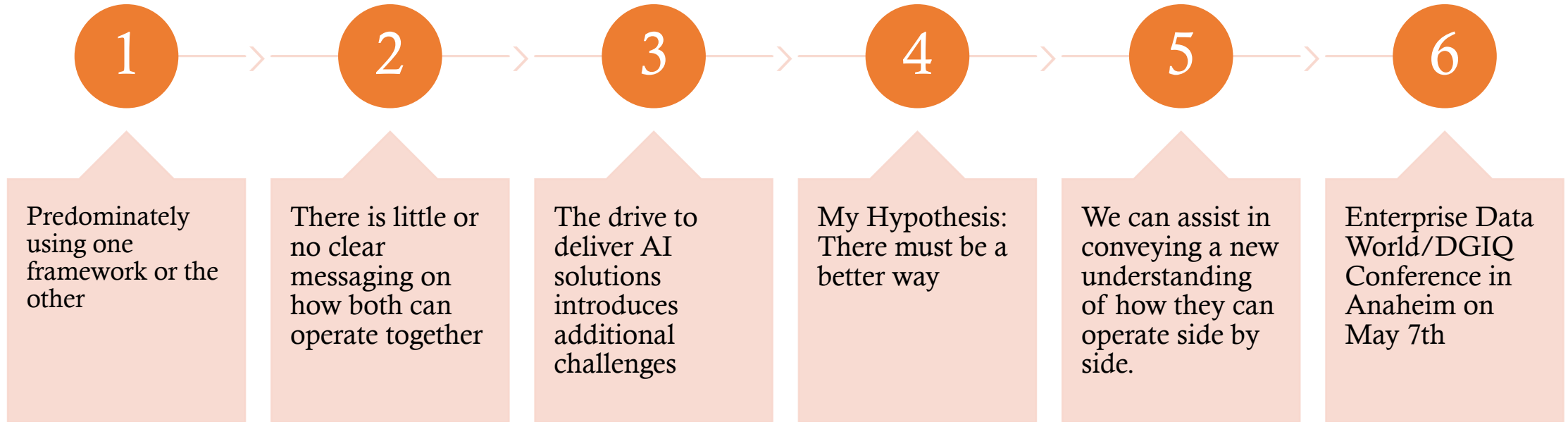


https://open.spotify.com/playlist/7ziBedF8DjEkXTzIqCsNWJ?si=LzH77hfOTke76pkZdo_kCA

INTEGRATING DMBOK®2 AND DCAM FOR ENHANCED DATA MANAGEMENT IN AI PROJECTS

DCAM, DMBOK, NDMO,
DLBOK, DSBOK. V1 7th May 2025





SETTING THE SCENE: DCAM & DMBOK FRAMEWORK MAPPING

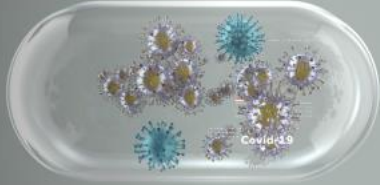
FRAMEWORK INTEGRATION

INTRODUCTION

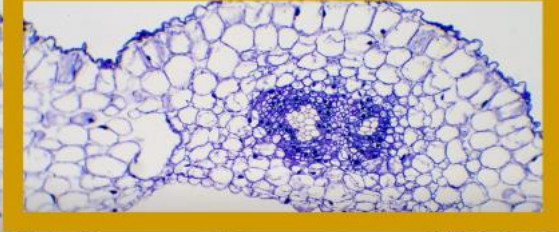
Governance = Data Governance + AI Governance + Data Privacy Governance

Not Individual
John Botteg, President Enterprise Data Management Council

MISCONCEPTIONS



Data Management Frameworks



CLARIFICATION

Roles & Purposes



COMBINED BENEFITS

YES & YES

Truth Before Meaning

AI & DATA MANAGEMENT

Use with intention from Day 1

Recipe for AI Disaster

A scrumptious AI calamity that will reverberate through eternity.

Ingredients:

- 2 crates of poor quality data including personal information (collected for other purposes)
- 1 inadequate technology stack
- 4 separate governance regimes (no overlapping for best taste)
- 2 hapless IT contacts with no AI consideration
- 1 CEO who wants "AI, now!"

Method: Let everyone do their own thing and... good luck!



ORCHESTRATION



Data Governance Framework Alignment
(Semantic & Canonical)



CALL TO ACTION

Data Management Frameworks

INTRODUCTION

Governance = Data Governance + AI Governance + Data Privacy Governance

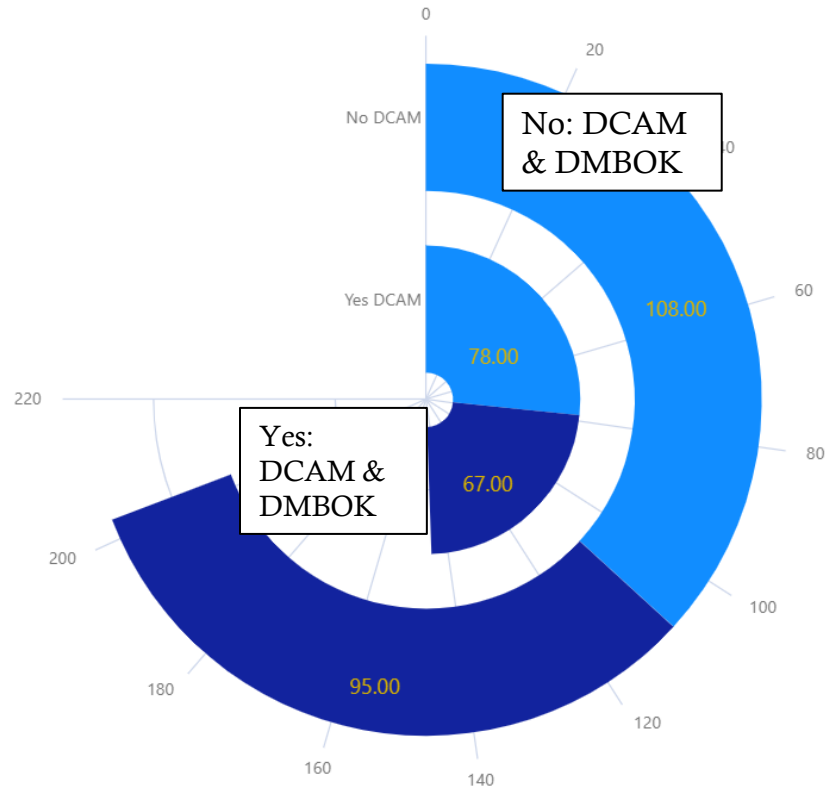
Not Individual

John Bottega, President Enterprise Data Management Council

RESEARCH INSIGHTS – ANTHONY J MAZZARELLA III

Respondents by DCAM Usage and DMBOK Usage

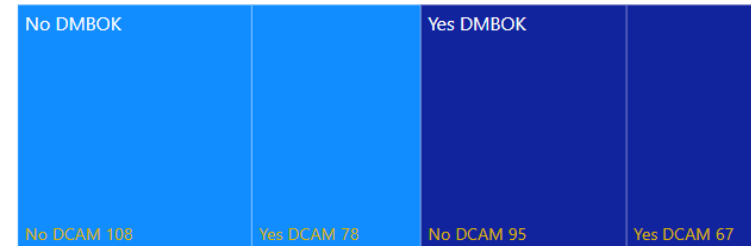
DMBOK Usage
 ● - No DMBOK ● - Yes DMBOK



DMBOK Usage	No DCAM	Yes DCAM	Total
No DMBOK	108	78	186
Yes DMBOK	95	67	162
Total	203	145	348

DCAM Usage	DMBOK Usage	Respondents
No DCAM	No DMBOK	31,03%
No DCAM	Yes DMBOK	27,30%
Yes DCAM	No DMBOK	22,41%
Yes DCAM	Yes DMBOK	19,25%
Total		100,00%

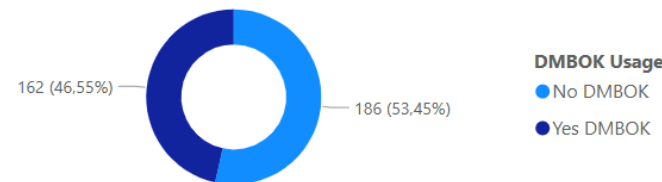
Respondents by DMBOK Usage and DCAM Usage



Respondents by DCAM Usage

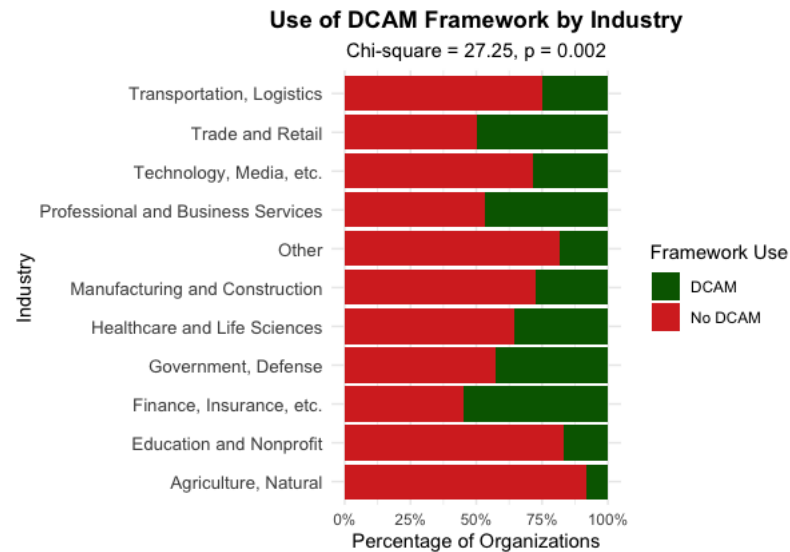
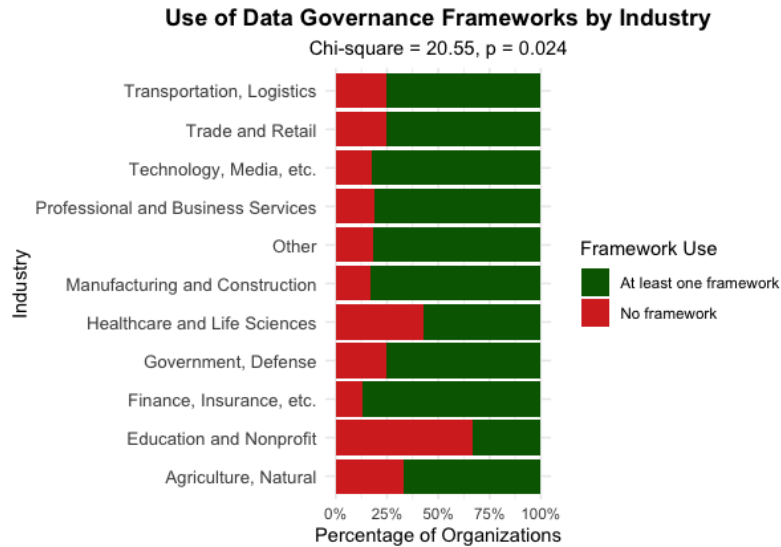
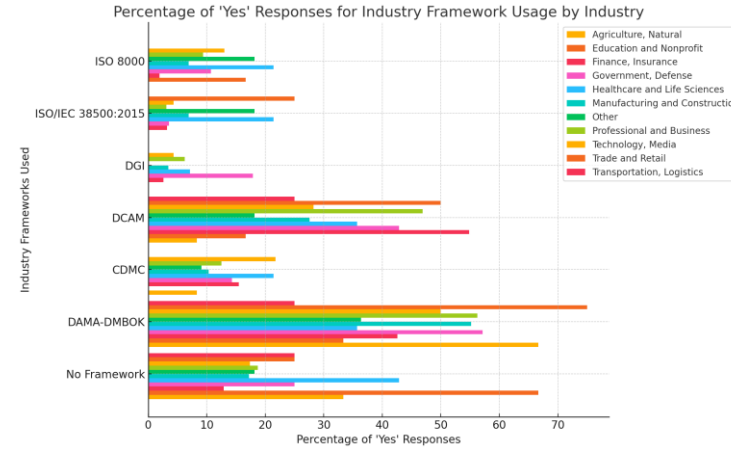
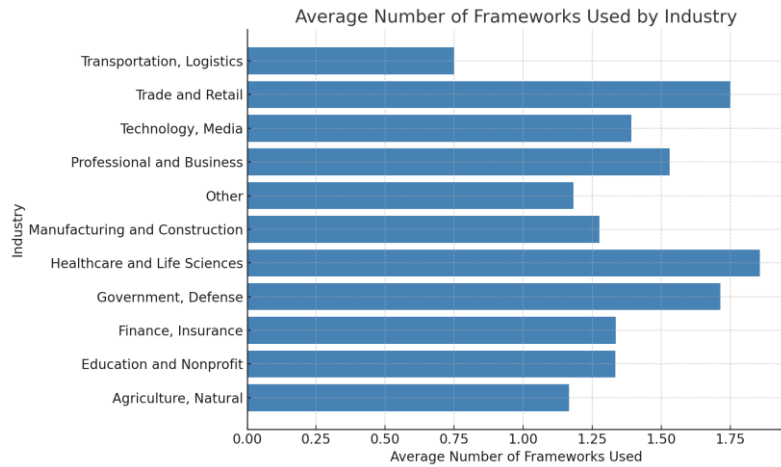


Respondents by DMBOK Usage



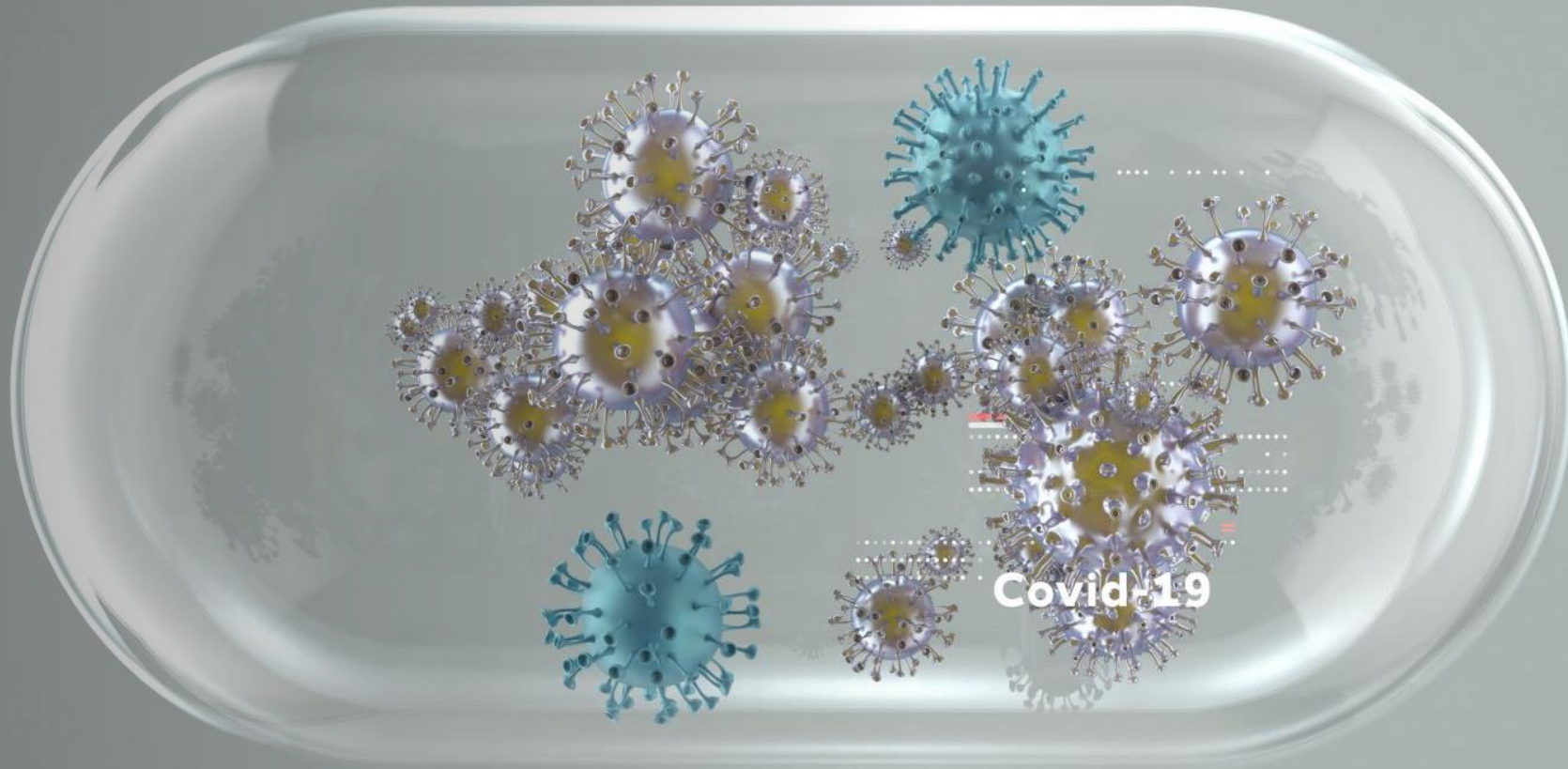
"In this case, 19.25% are using both, 31.03% are using neither, 22.41% are only using DCAM, and 27.30% are only using DAMA-DMBOK."

RESEARCH INSIGHTS – ANTHONY J MAZZARELLA III



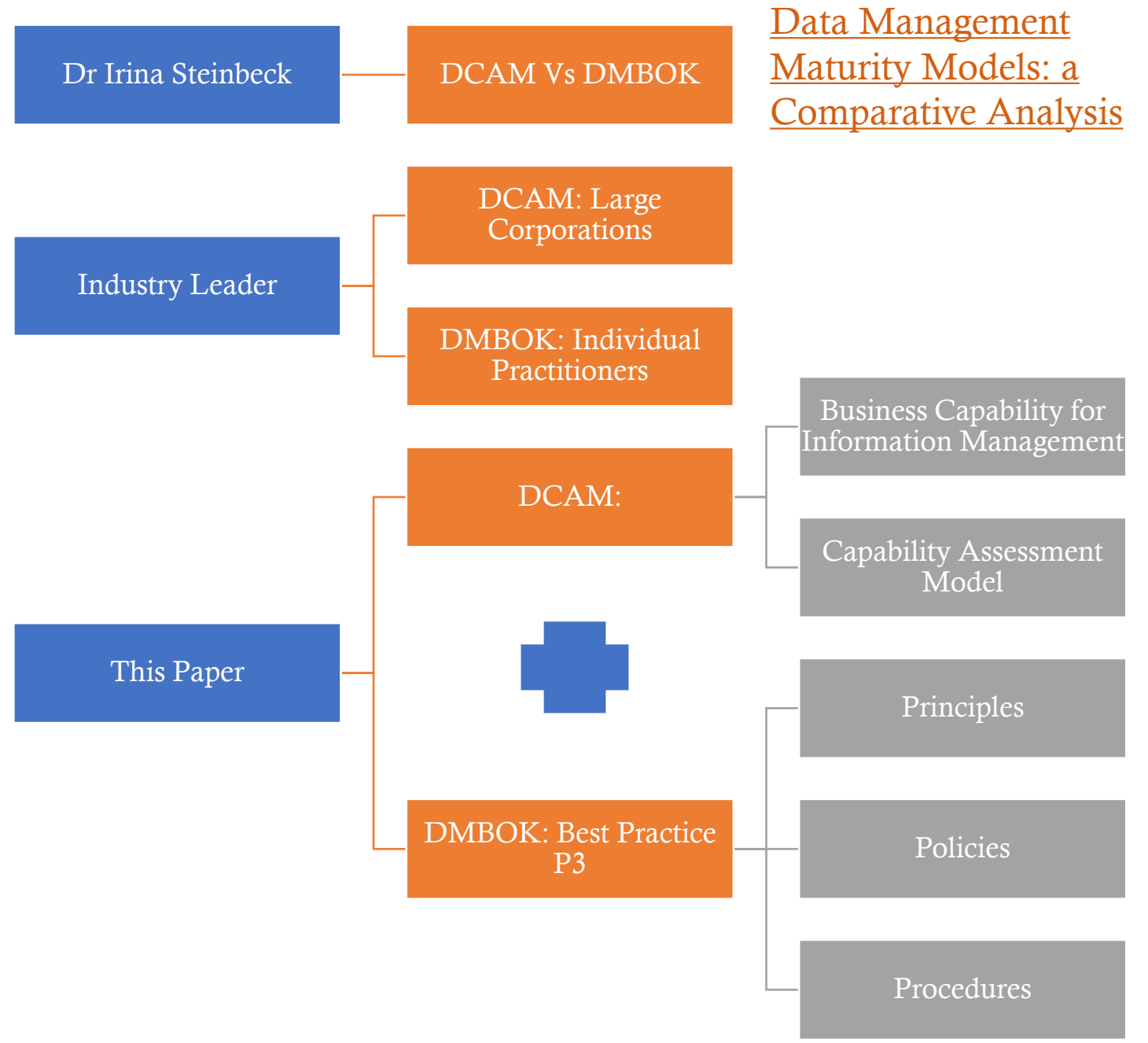
Source : Mazzarella, Anthony J. III. "Preliminary findings on data management frameworks." Personal Communication. 7 Apr. 2025.

MISCONCEPTIONS

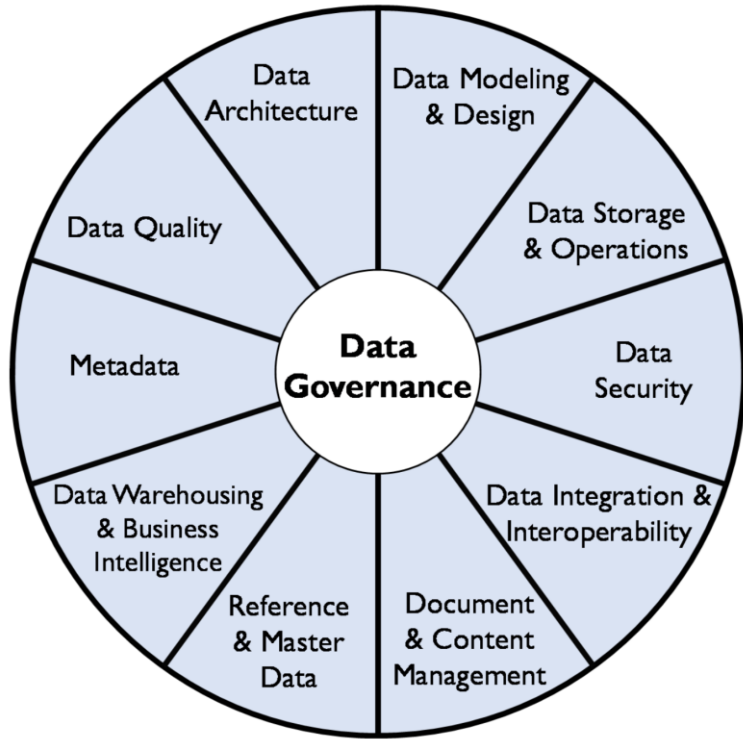


Data Management Frameworks

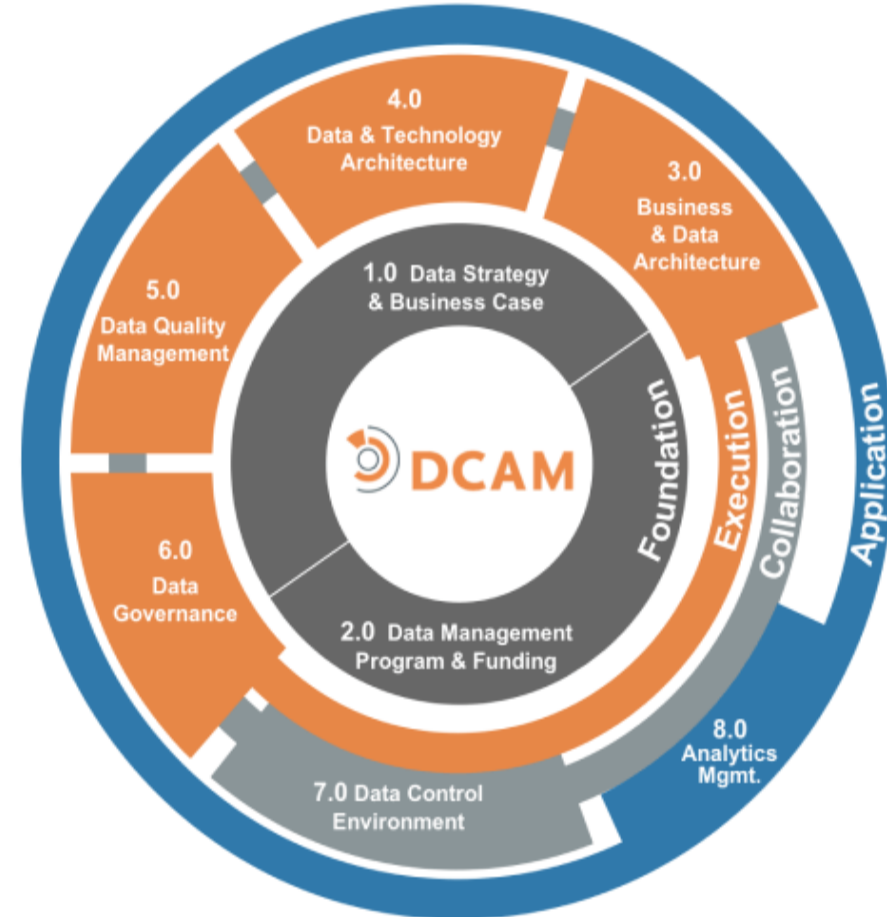
DIFFERENT VIEWS OF THE POSITION OF THE FRAMEWORKS



WHEEL VS FRISBEE COMPARISON



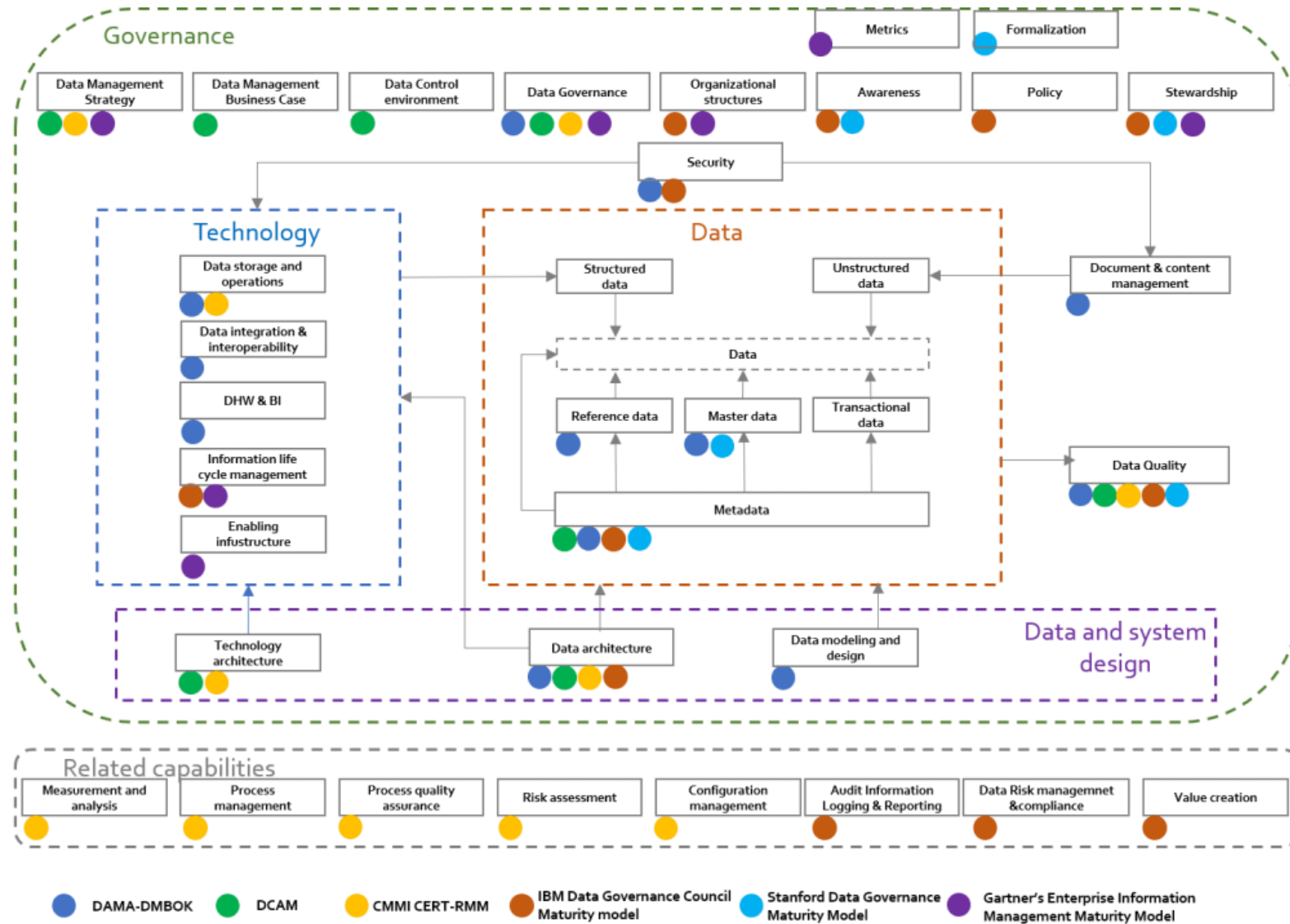
VS

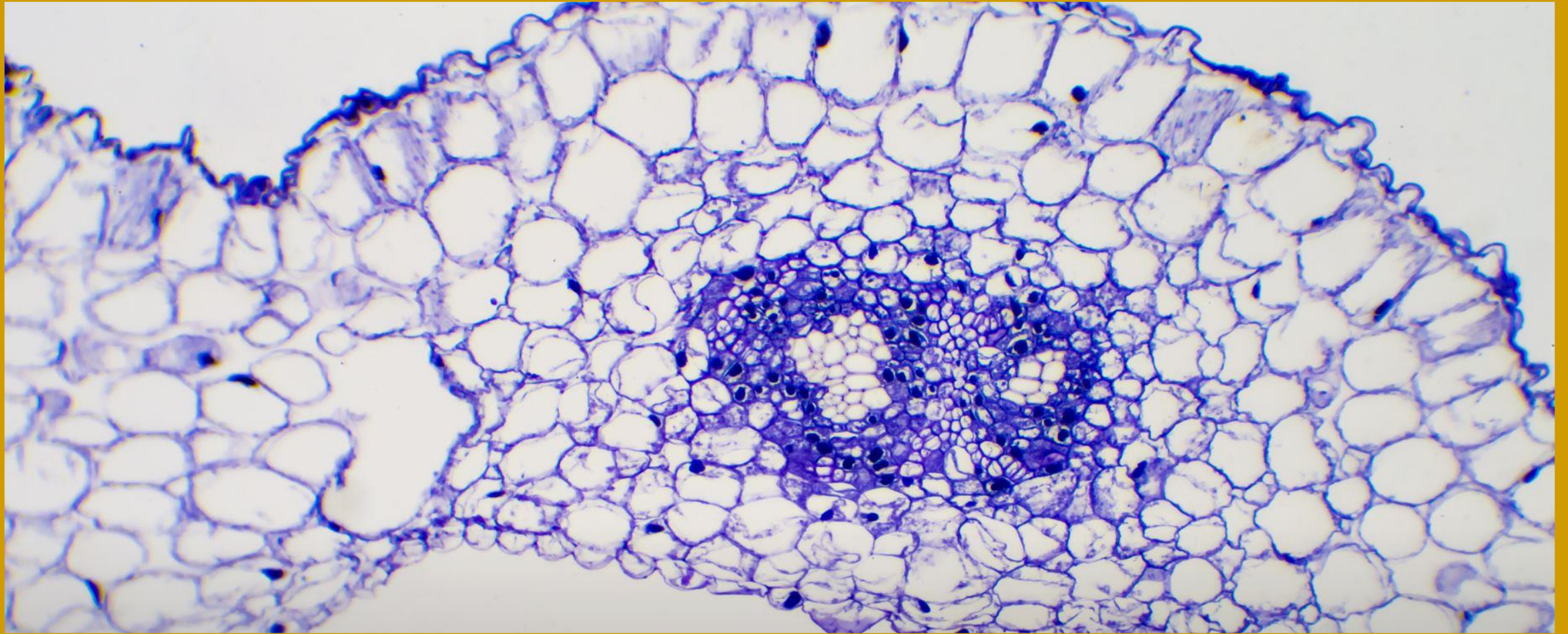


Dimensions & Characteristics

WHAT

- Dimensions & Components
- Measurement Scale
- Statement of Work
- Assessments
 - Maturity
 - Culture
 - Change
 - Risk





CLARIFICATION

Roles & Purposes

ONE-LINE DEFINITION

Discipline: A Field of Study

Body Of Knowledge: A Detailed Collection of Concepts & Practices within a Discipline (**DMBOK**)

Dimension: A Key Aspect of a Discipline.

Capability: The Power to DO something (Data Management)

Capability Assessment: A review of our Effectiveness & Sustainability of “Doing Something” (**DCAM**)

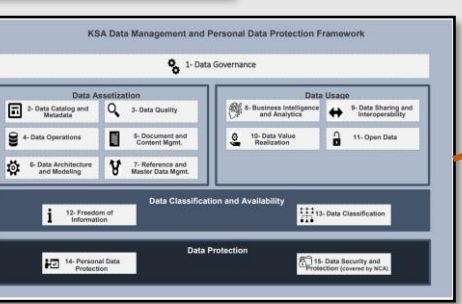
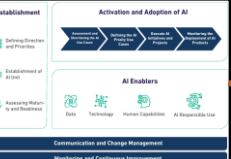
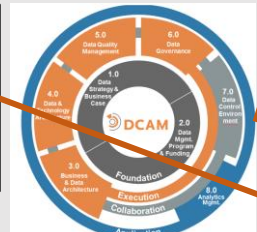
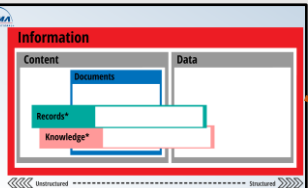
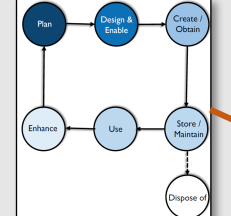
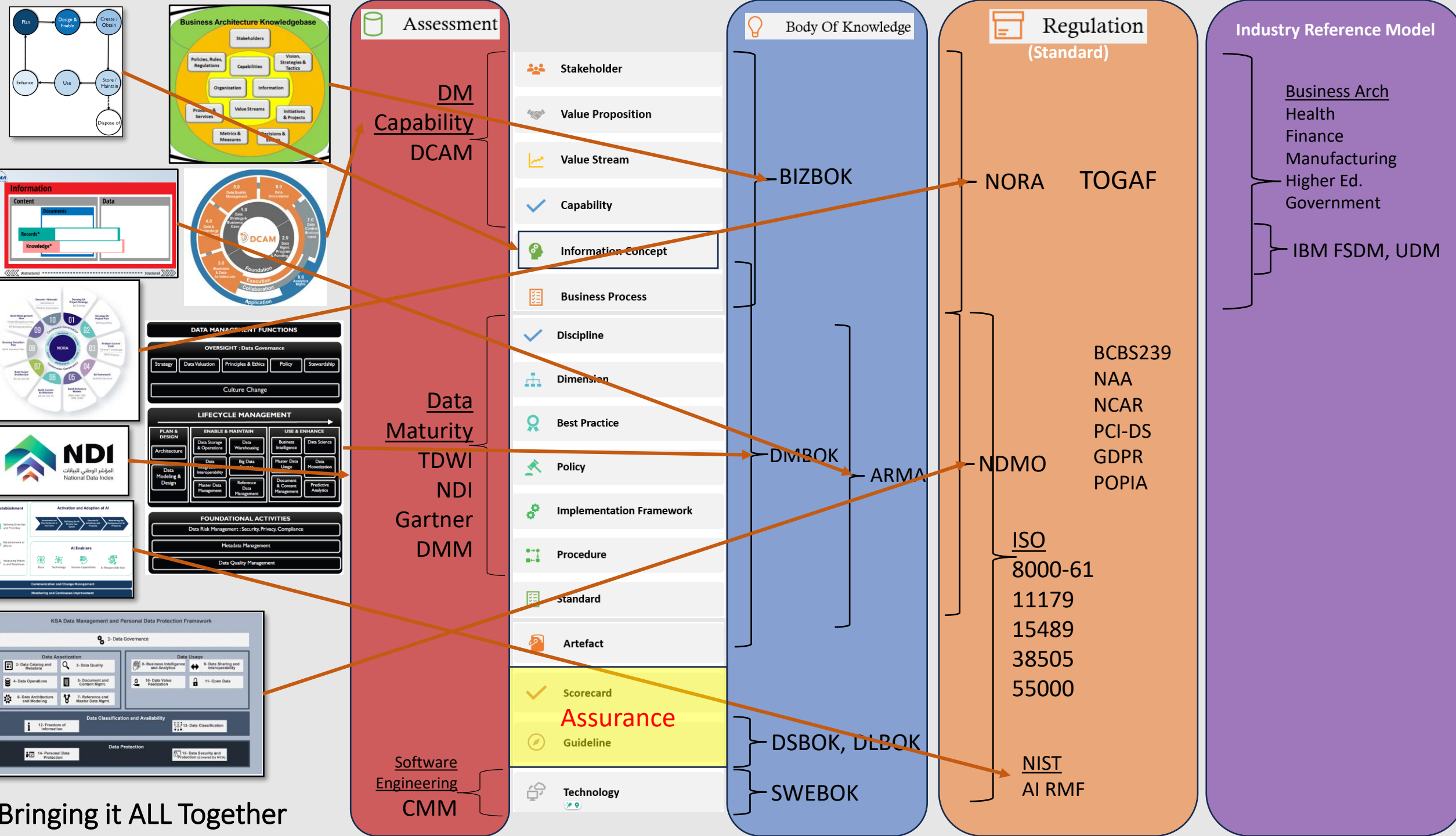
Maturity: A method for ranking practices for handling data (**Gartner, TDWI**)

Artefact: A Data Management deliverable created by a Process, used as Evidence of Process Maturity

Scorecard: A method of scoring the appropriateness of the artefact

SIPOC: Complete description of the process, checks & people to create the artefact

Regulation: ensuring compliance with a legal framework.



Assessment

DM Capability DCAM

Data Maturity TDWI NDI Gartner DMM

Software Engineering CMM

Body Of Knowledge

- Stakeholder
- Value Proposition
- Value Stream
- Capability
- Information Concept
- Business Process
- Discipline
- Dimension
- Best Practice
- Policy
- Implementation Framework
- Procedure
- Standard
- Artefact
- Scorecard
- Guideline
- Technology

BIZBOK

DMBOK

ARMA

DSBOK, DLBOK

SWEBOK

Regulation (Standard)

NORA TOGAF

BCBS239

NAA

NCAR

PCI-DS

GDPR

POPIA

ISO

- 8000-61
- 11179
- 15489
- 38505
- 55000

NIST AI RMF

Industry Reference Model

- Business Arch
- Health
- Finance
- Manufacturing
- Higher Ed.
- Government
- IBM FSDM, UDM

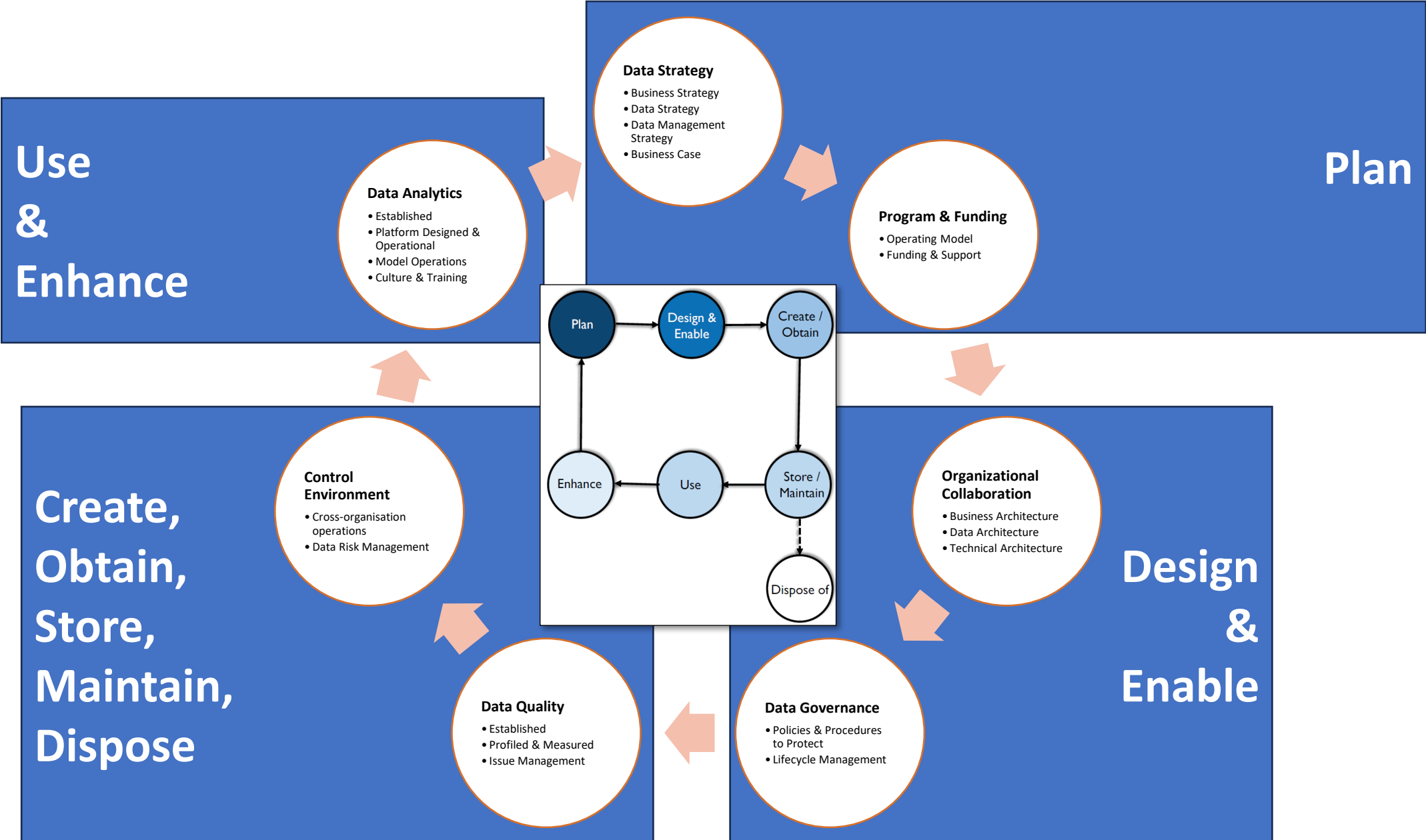
Bringing it ALL Together

COMBINED BENEFITS

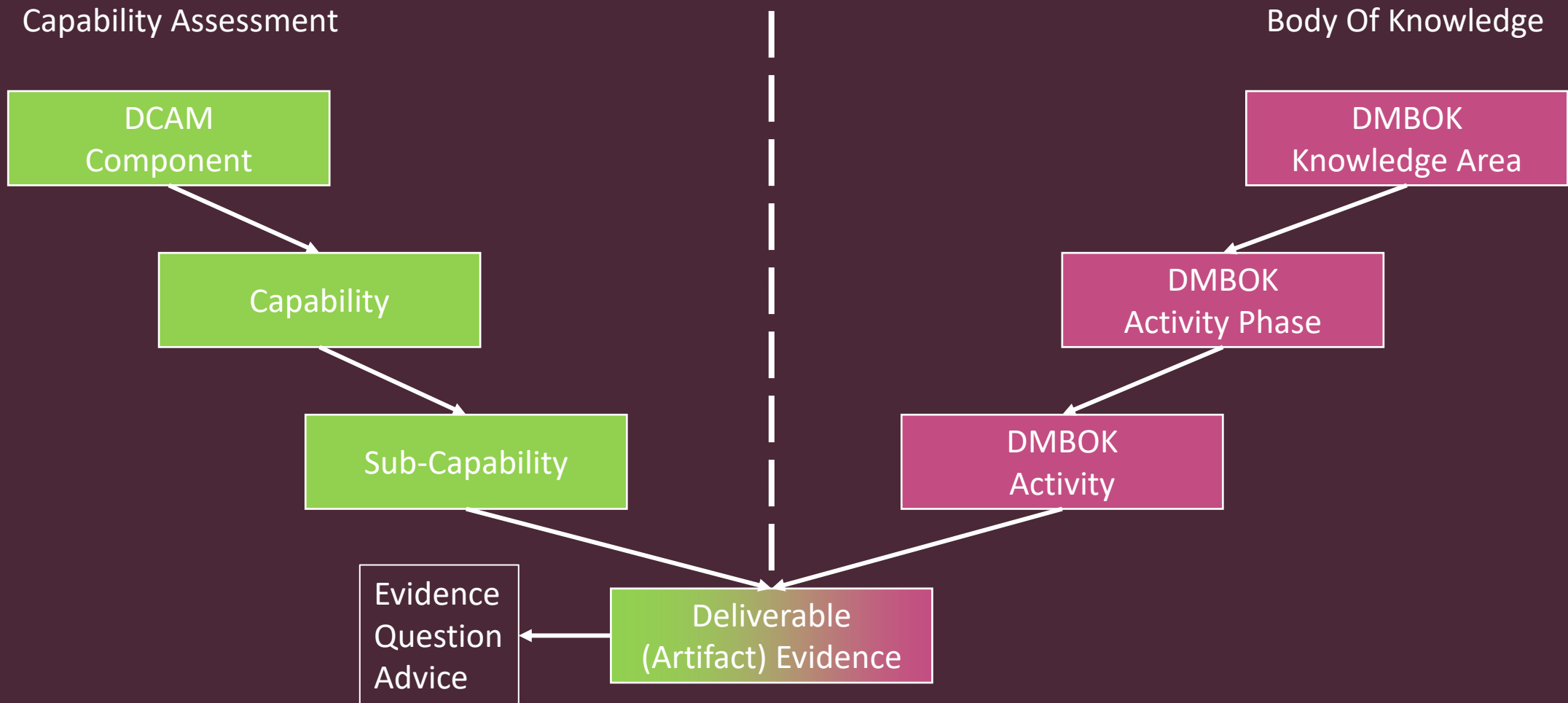
YES & YES



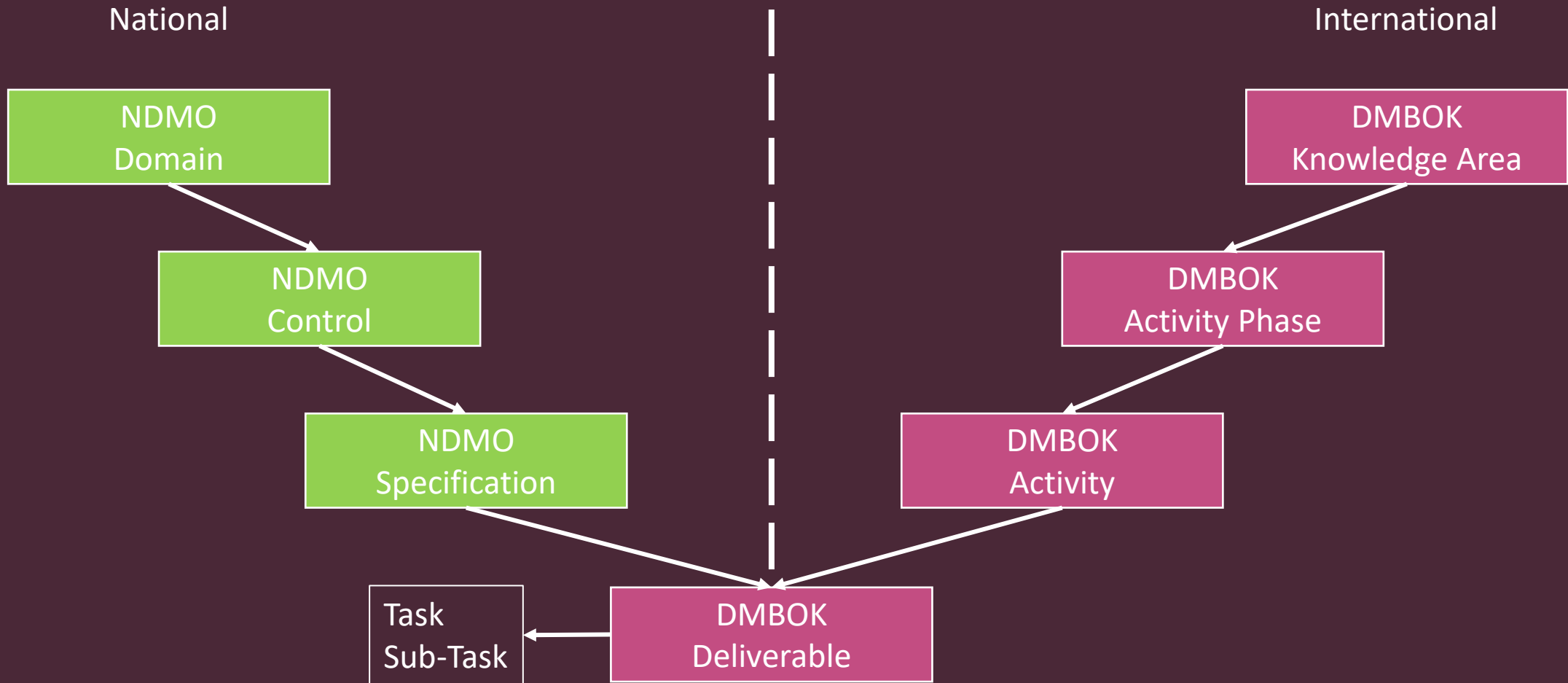
DCAM Lifecycle Approach



DCAM & DMBOK Mapping



NDMO & DMBOK Mapping



Truth Before Meaning

AI & DATA MANAGEMENT

Used with
permission
James Patto

Recipe for AI Disaster

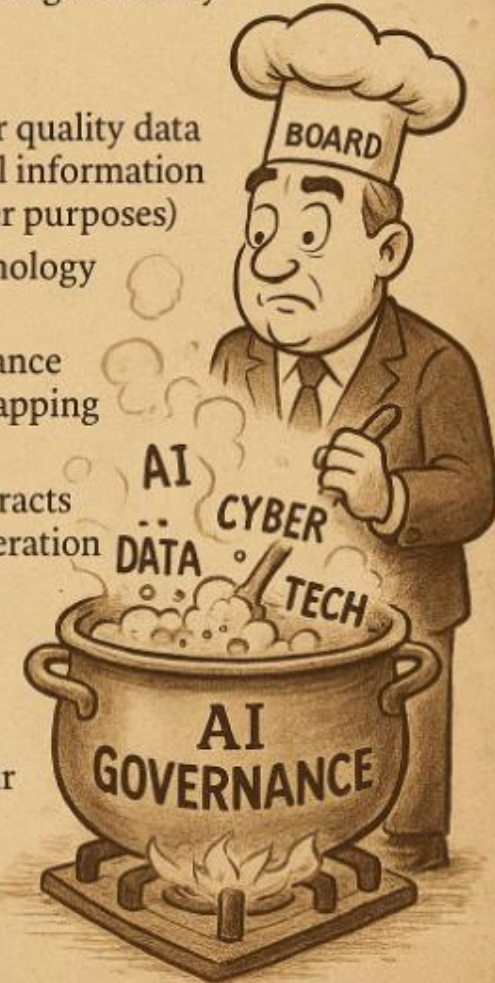
A scrumptious AI calamity that will reverberate through eternity.

Ingredients:

- 2 terabytes of poor quality data including personal information (collected for other purposes)
- 1 inadequate technology stack
- 4 separate governance regimes (tip: overlapping for best taste!)
- 2 template IT contracts with no AI consideration
- 1 CEO who wants "AI - now!"

Method:

Let everyone do their own thing and – good luck!

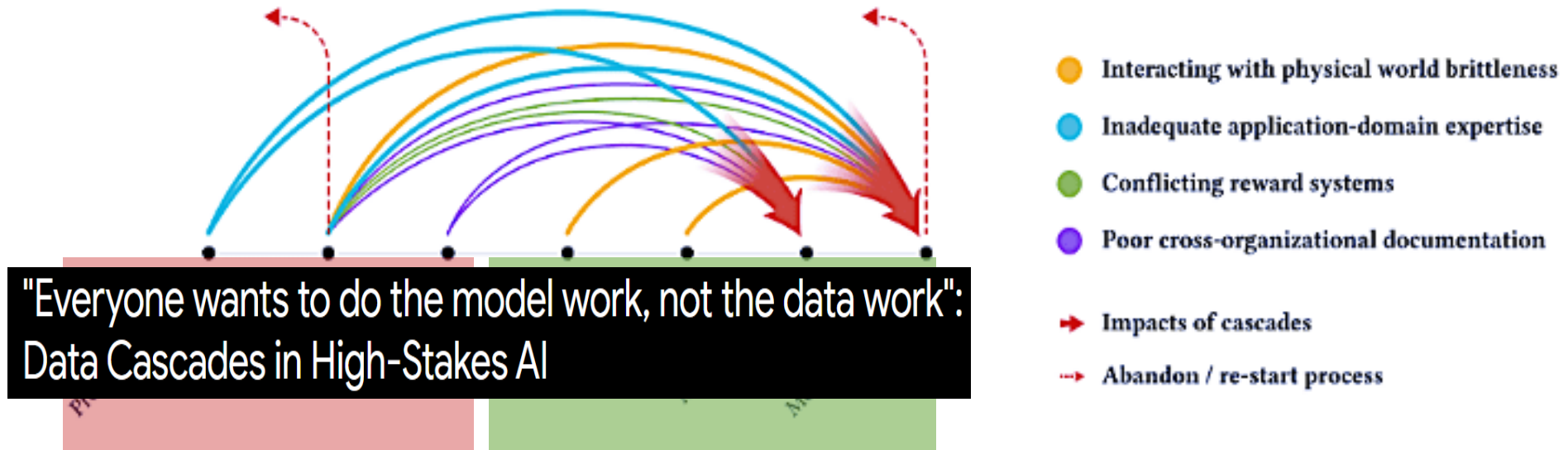


CHALLENGE WITH AI & DATA CASCADES

Challenge with AI and Data Cascades

CHI '21, May 8–13, 2021, Yokohama, Japan

Sambasivan et al.



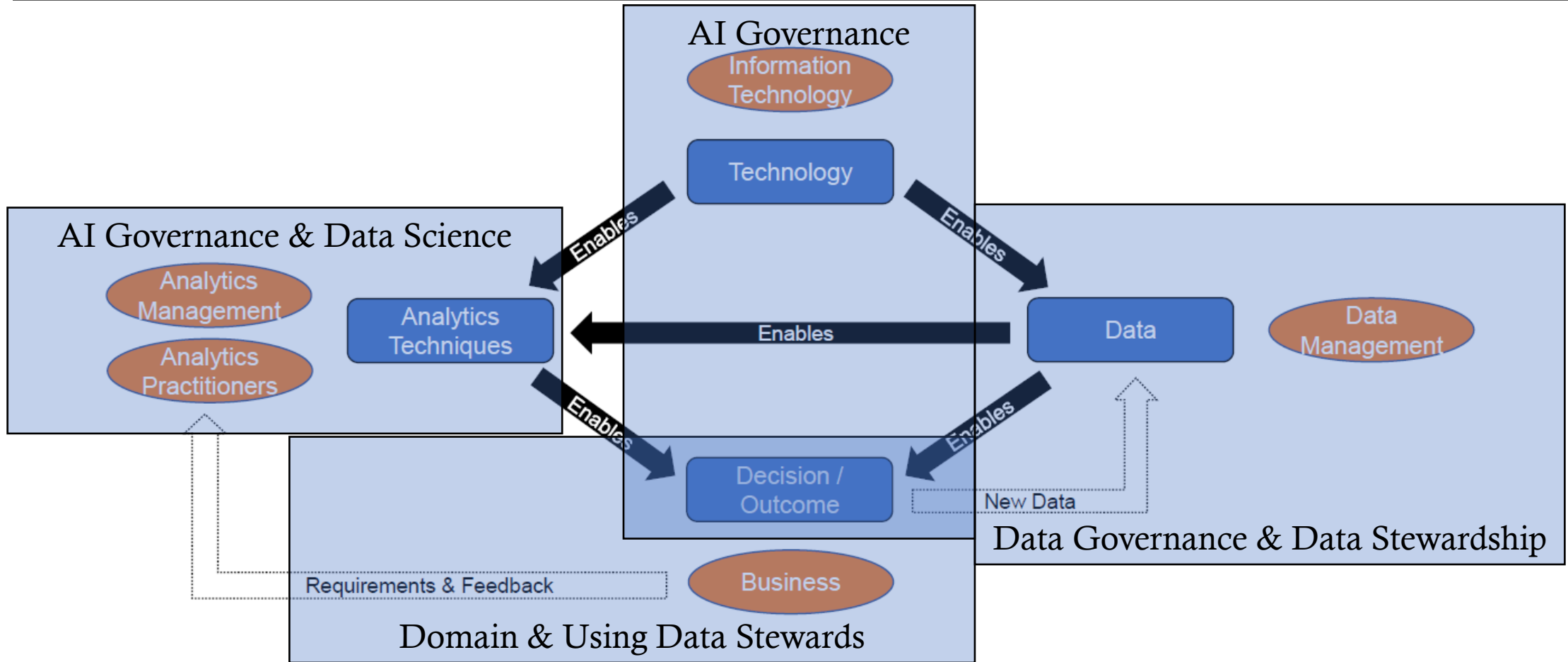
Data cascades in high-stakes AI. Cascades are opaque and protracted, with multiplied, negative impacts. Cascades are triggered in the upstream (e.g., data collection) and have impacts on the downstream (e.g., model deployment). Thick red arrows represent the compounding effects after data cascades start to become visible; dotted red arrows represent abandoning or re-starting of the ML data process. Indicators are mostly visible in model evaluation, as system metrics, and as malfunctioning or user feedback.

©2021 Dean of Big Data, LLC - Bill Schmarzo. All rights reserved.

[Andrew Ng Launches A Campaign For Data-Centric AI](#)

["Everyone wants to do the model work, not the data work": Data Cascades in High-Stakes AI](#)

THE INTERACTION



An effective Analytics Management function needs to bind together the interests and activities of these key stakeholders

ORCHESTRATION

AI
RMF

NDMO

ISO

NAA
AU

DMBOK

DCAM

GDPR

Data Governance Framework Alignment
(Semantic & Canonical)

Playbooks provide translation of each statement into curated activities, artefacts, accountability and risks, providing a clear interpretation of the requirements

DCAM Playbook



Playbooks can be analyzed, compared and combined, allowing the handling of multiple frameworks and avoiding duplication of work.

DCAM Artefacts



Artefact Compare



PLAYBOOKS

Automated Governance Orchestration

Clarity on Requirements

Handling of Frameworks

Accelerated Implementation

Playbooks includes detailed artefacts and templates fast-tracking implementation and deployment. Activities can be organized automatically in implementation plans.

Artefact Templates



Policy Drafting

With AI assisted technology, playbooks can be used to automatically draft internal policies, fully aligned on your priorities, maturity level and risk tolerance.

Policy Drafting



Playbooks can automatically generate governance plan in projects. Evidence can be collected; governance gating can be set, increasing trust level.

Questionnaire & Gov Plan



Oversight





CALL TO ACTION

Data Management Frameworks

ACTION 1: ELEVATE DATA MANAGEMENT

**DATA MANAGEMENT =
MOST IMPORTANT
BUSINESS DISCIPLINE**

Can you convince your business?

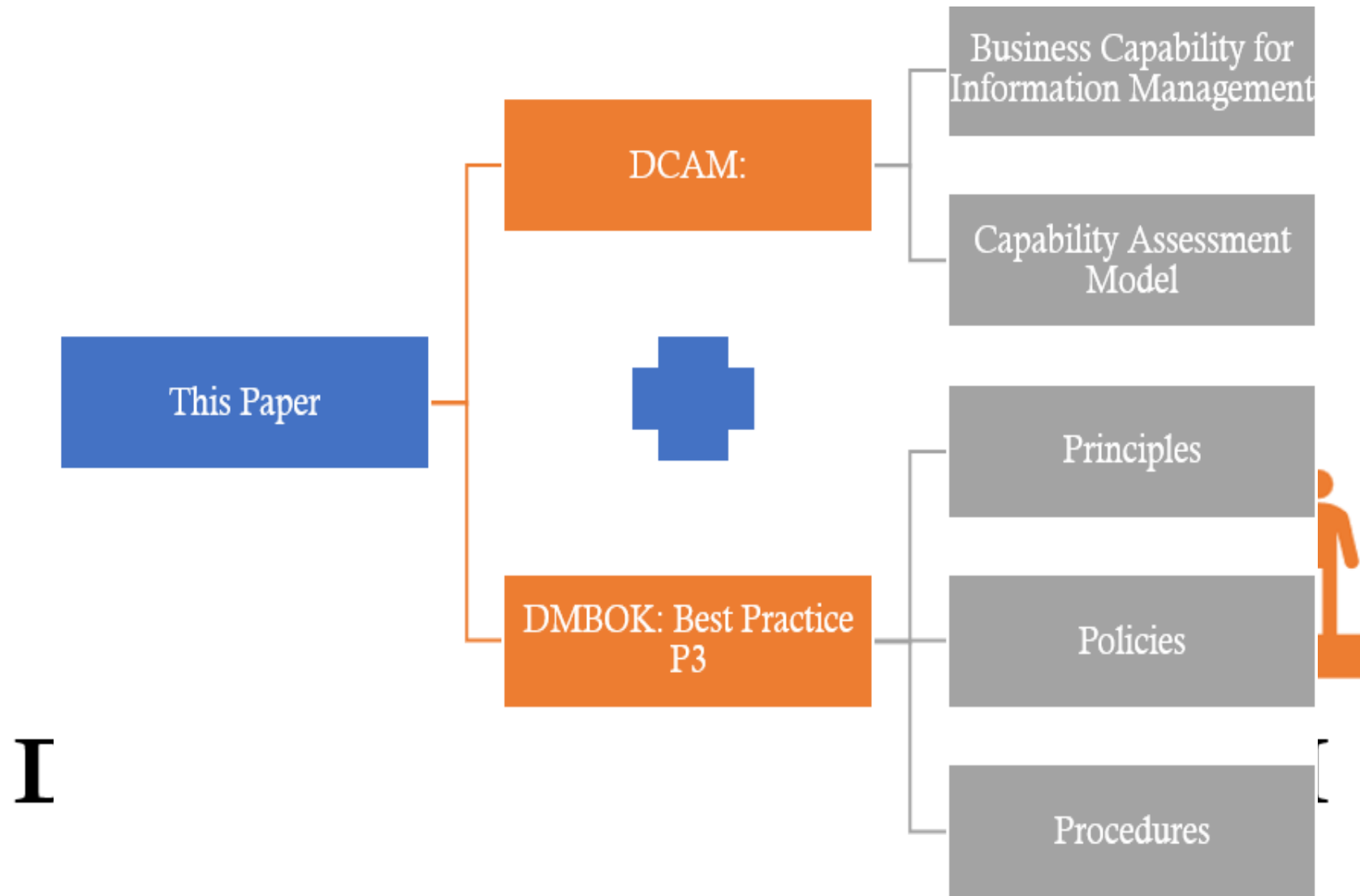
If not, why not?

If so, how did you do it?

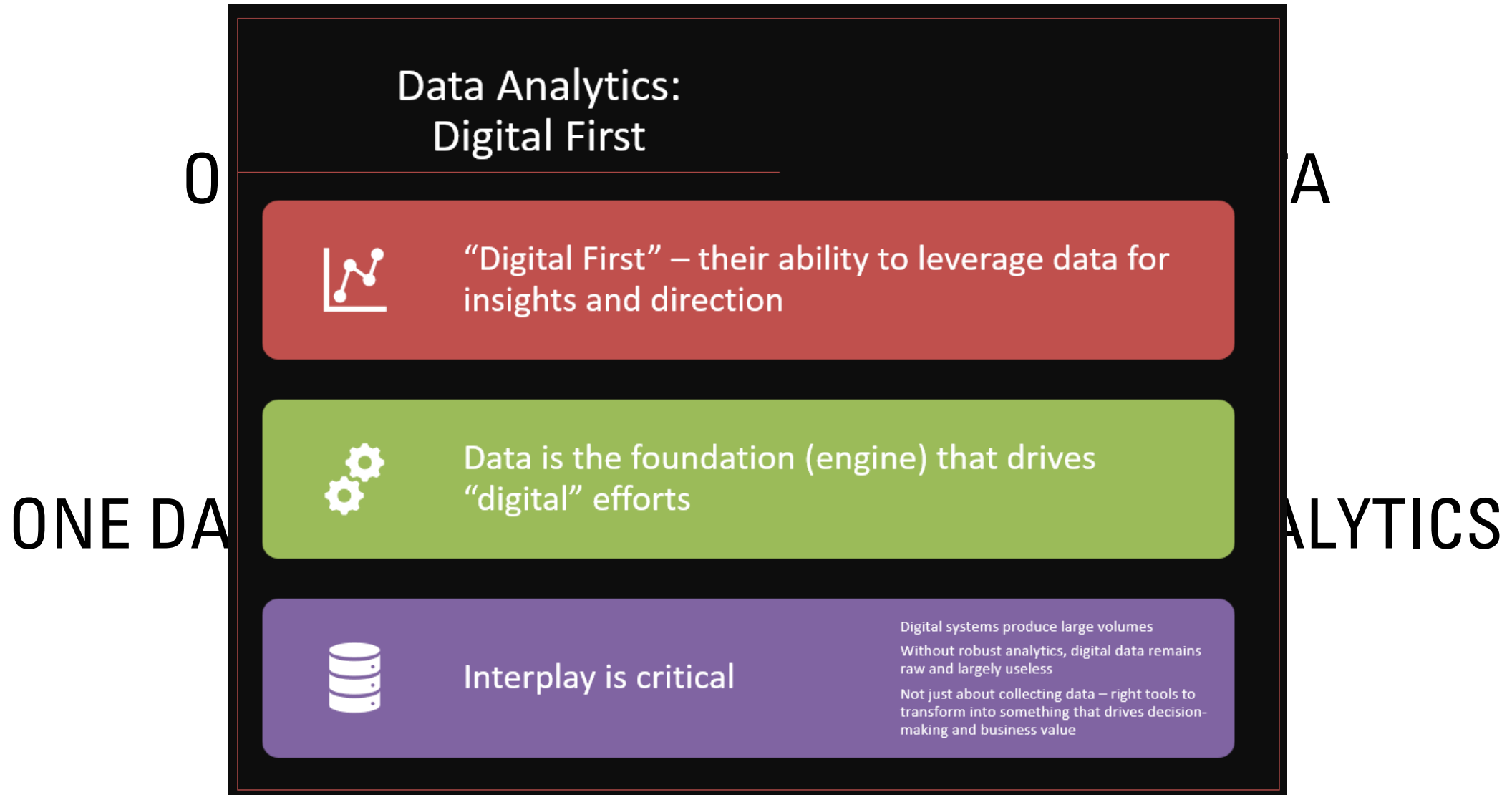


Use DCAM to WIN this FIGHT

ACTION 2: STRONGER TOGETHER



ACTION 3: THERE IS ONLY ONE DATA GOVERNANCE



ACTION 4: START ORCHESTRATION NOW

e.g. DCAM, DMBOK, NDMO

PLAYBOOKS

Create DM
implementation
Plan & Roadmap

Use Artefacts
templates to fast-track
implementation

Create custom
playbooks for your
internal directives

Initiate gap analysis
against your frameworks
and start improving

Configure playbooks
and start executing
activities

Collect evidence and
initiate governance
gating

THANK YOU



Q&A

1. ABSTRACT EXEC SUMMARY

Abstract: The rapid advancements in Large Language Models and Generative AI have heightened expectations for delivering high-quality, reliable, and ethical data solutions. However, a common misconception persists that the Data Management Body of Knowledge (DMBOK®2) from DAMA and the Data Capability Assessment Model (DCAM) from Enterprise Data Management Council are interchangeable and competing frameworks.

Objectives:

- **Dispel Misconceptions:**
- **Clarify Roles and Purposes:**
- **Highlight Integration Benefits:**
- **Focus on Generative AI including provide practical Insights:**

Bonus Content:

- **Quick introduction to Orchestration of these Frameworks in Protago**
-

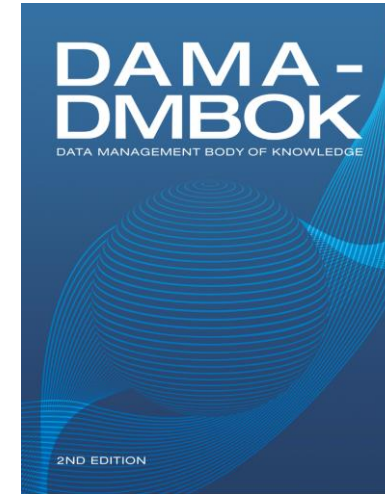
Are the EDM Council & DAMA competing organizations?



CoPilot says... Not exactly!

- The **EDM Council** and **DAMA** (Data Management Association) are not competing organizations; rather, they serve complementary purposes in the realm of data management.
- While some might perceive them as overlapping, they actually address different aspects of data management. In fact, there are discussions and events that highlight how these frameworks can be integrated to enhance data management practices, especially in areas like AI and analytics.

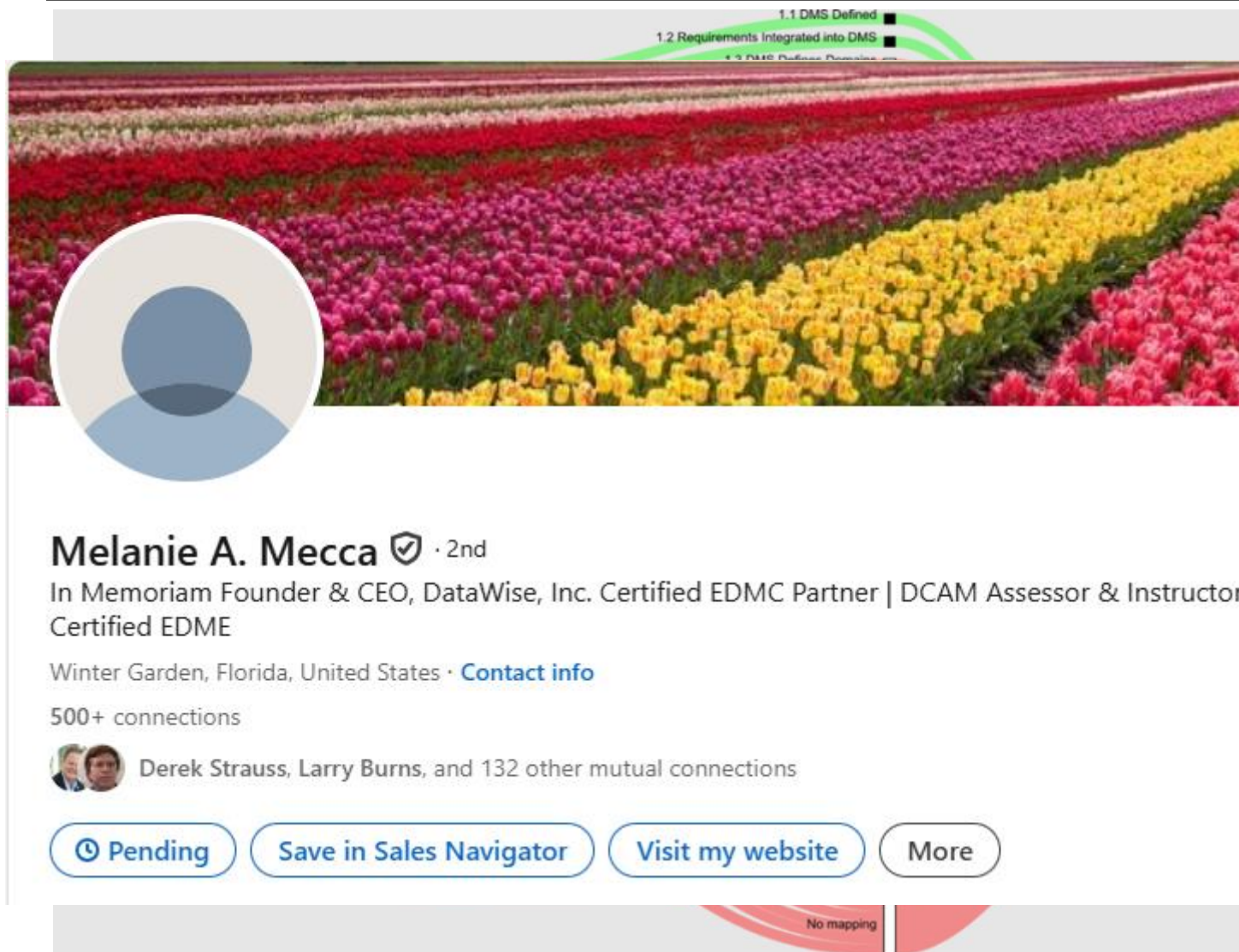
Are the DCAM & DMBOK competing frameworks? (CoPilot)



CoPilot says... Not at all!

- The DCAM and DMBOK are **complementary, rather than competing frameworks.** They have different purposes and work together effectively in shaping robust data management practices.
- Organizations often use DCAM to identify improvement areas and then rely on the DMBOK to guide how those improvements should be implemented.
 - Think of DCAM as diagnosing the "health" of an organization's data systems, while DMBOK acts as the manual for prescribing and executing effective treatments

CMMI DMM TO DCAM MAPPING



1.1 DMS Defined
1.2 Requirements Integrated into DMS
1.3 DMM Profound Penetration

Melanie A. Mecca ✓ · 2nd
In Memoriam Founder & CEO, DataWise, Inc. Certified EDMC Partner | DCAM Assessor & Instructor, Certified EDME
Winter Garden, Florida, United States · [Contact info](#)
500+ connections
Derek Strauss, Larry Burns, and 132 other mutual connections

[Pending](#) [Save in Sales Navigator](#) [Visit my website](#) [More](#)

No mapping

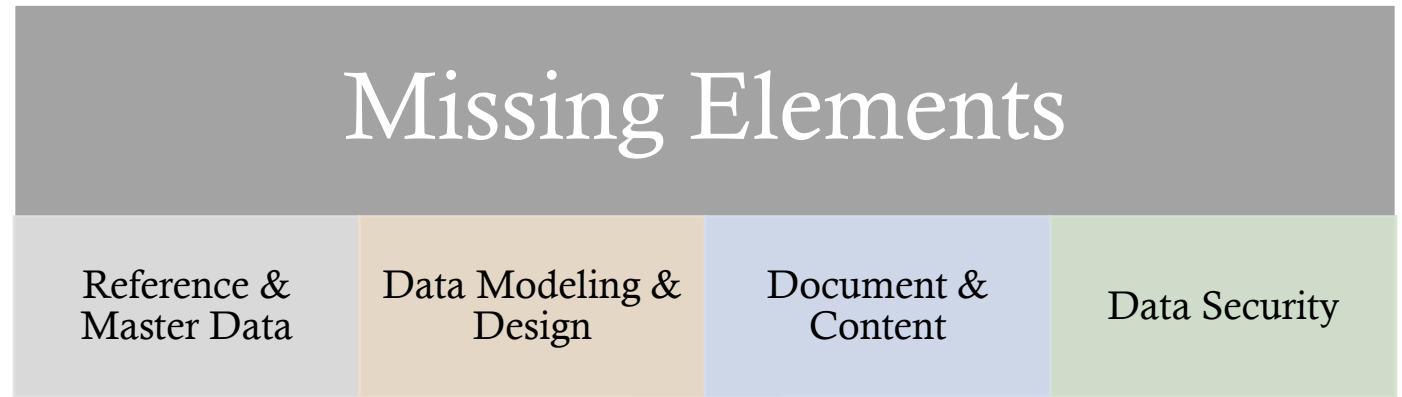
Comments:

1. CMM has been discontinued
2. Structural Approach
 1. DMM – Scope-based Yardstick
 2. DCAM – lifecycle approach
3. Content Differences
 1. Specific areas are covered by one model but not the other
 2. Reflecting different emphasis

if you have a need to develop a detailed comparison and the time to get into the weeds, I recommend starting with the work products (artifacts) mentioned in both models. I say this because for the most part, they concur – Policies, Processes, Standards. (There aren't too many options for passing through the needle's eye, after all).

DCAM: MISSING ELEMENTS

“Oh, they are technical elements”

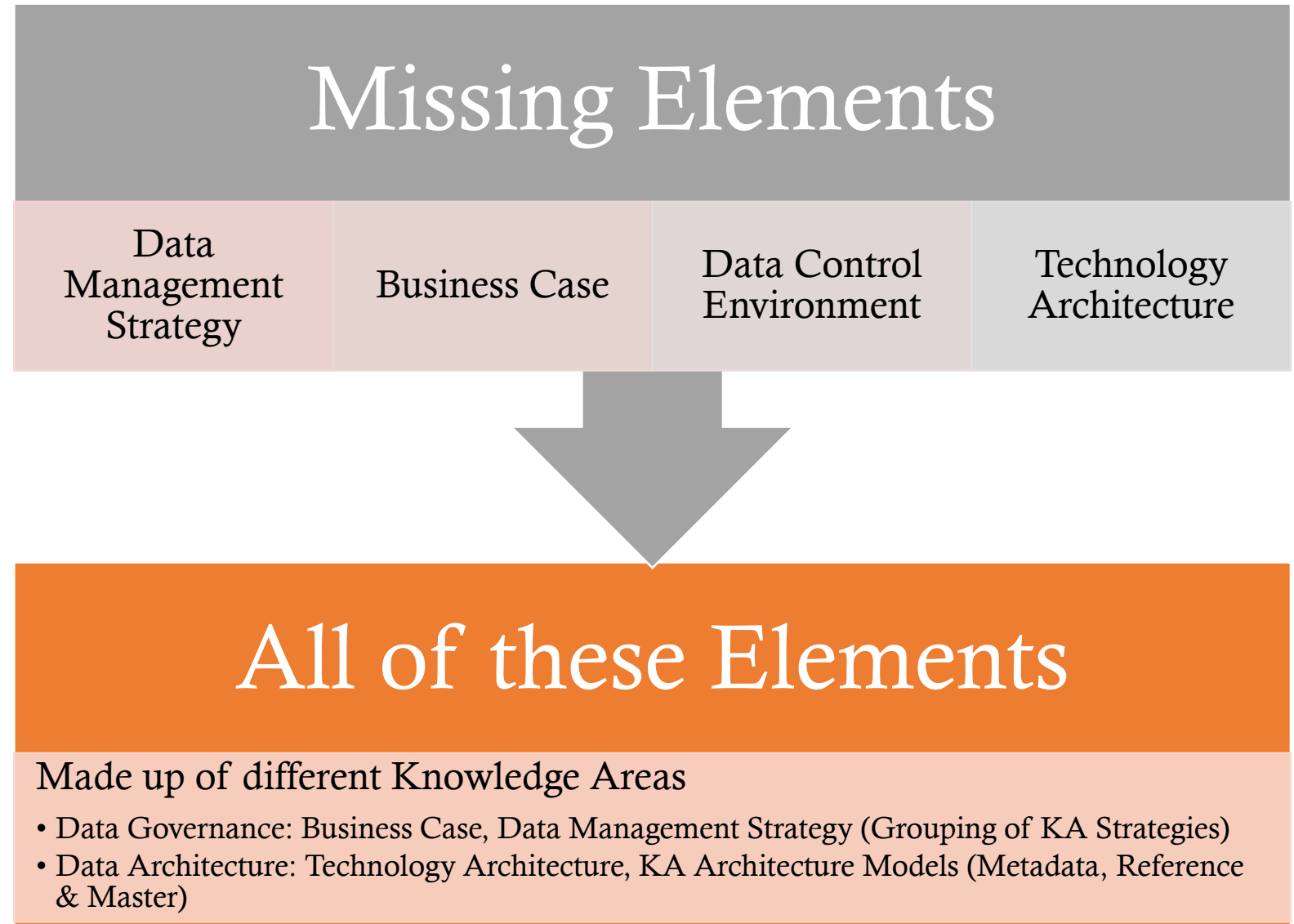


All of these Elements

Made up of Sub-Capabilities of Core Components

- Data Governance
 - Data Quality
 - Business & Data Architecture
-

DMBOK: MISSING ELEMENTS



DMBOK CHAPTER 15 – DATA MANAGEMENT MATURITY ASSESSMENT – SECTION 1.3.3 PAGE 507

“A data management maturity assessment framework is segmented into discrete data management topics. Framework focus and content vary depending on whether they have a general or industry-specific focus. However, most address subjects that can be mapped to DAMA-DMBOK Knowledge Areas. The examples below are intended to illustrate the range of Capability Maturity Models that have been developed in the data management space. Many vendors have developed their own models. Organisations should evaluate several models before choosing a vendor or before developing their own framework.”

NOTE: DAMA DMBOK does not promote itself as an assessment framework (i.e. instrument) and recommends Organizations to select a tool (i.e. instrument) which is right for them or developing their own framework. Multiple vendors are listed including EDM Council.

SOME CLARIFICATION



DMBOK

Why: Addresses Business Drivers and Objectives behind DM

- Explains why certain practices are necessary (Essential Concepts)

What: Outlines Key Functions & Activities



DCAM

Framework to assess the capabilities required to establish, enable, and sustain effective data management



Clarification

DMBOK does not delve deeply into the specific processes or detailed steps

Serves as a guide for understanding the scope & importance of DM Disciplines

DMBOK & DCAM POSITIONING: PRACTICE & CAPABILITY ASSESSMENTS



DMBOK

Simple (Quick & Cheap) for Initial Assessment
of Best Practice Ranking

Not a long-term WINNER



DCAM

Authoritative Source of Data Management
Capability Benchmarks

Helps you build & Define Data Management
as a Business Capability

- Not just an IT Practice



4. HIGHLIGHT INTEGRATION BENEFITS:

- DCAM is dealing with Business Capabilities
 - DCAM is targeted executive level for important capability to deliver business value
 - Value Proposition to Stakeholders
 - DCAM enables business architecture to assess maturity of Business Capability
 - DMBOK is dealing with the DM disciplines and Best Practice
 - Implementation Frameworks
 - Principles, Policies, Procedures
 - Operating Model
-

HERE'S HOW TO THINK ABOUT THE TWO FRAMEWORKS IN THE CONTEXT OF
DEVELOPING AND EXECUTING A DATA STRATEGY

	EDM Council / DCAM Data Management Capability Assessment Model	DAMA / DMBok Data Management Body of Knowledge
Audience	Enterprise	Practitioners
Pages	60	600
Goals	Guide, Define and Measure	Capable Execution
Origins of Capabilities	Developed by Industry	Technical Professionals
Approach	Capability Measurement	Practitioner Knowledge Base
Complementary tools	DMBoK	DCAM

DATA MANAGEMENT = MOST IMPORTANT BUSINESS DISCIPLINE

[Why Data Management is Today's Most Important Business Discipline - DataScienceCentral.com](#)

- A. AI – Most Powerful Business Discipline of Our Generation
- Ability to continuously learn & create new sources of operational value



DCAM: ANALYTICS MANAGEMENT CAPABILITIES

8.0 ANALYTICS MANAGEMENT



Analytics function is formalized and funded



Driven by Business Strategy and supported by Data Management Strategy



Data Architecture is Respected



Data Quality Understood and Improved



Operational Platform Established



Models can run in Production



Active Management of Culture and Skills

CONCLUSION

- High-level DMBOK + DCAM mapping referenced in this presentation is available on request.
 - We would advise that developing an in-house Data Management Maturity Assessment instrument is possible based on content in DAMA DMBOK Chapter 15; however, it is not sustainable.
 - There are global communities for DAMA at Chapter level across the world. With over 60 chapters across the Globe, we would strongly consider Practitioners join their local chapter.
 - The insights from Tony Mazarella's research study indicate that we have a long way to go to bring deployment of these frameworks closer together at an Organizational level.
 - We have significant opportunities ahead of us for both the DAMA and EDMC communities.
 - We need to mobilise our practitioner networks Globally and Locally. Our data practitioner communities become better and stronger when we work together.
-

DCAM PLAYBOOK

Clarity on Requirements

Playbooks provide translation of each statement into curated activities, artefacts, accountability and risks, providing a clear interpretation of the requirements

The screenshot displays the DCAM Playbook interface. The main content area shows a compliance statement titled "5.1.1 - The DQM strategy and approach are defined and adopted". This statement is broken down into several "Requisite" items, each with a checkbox and a brief description of the required activity.

On the right, a detailed view of a specific requirement is shown, titled "Define data quality role and responsibilities". It includes a description and a list of bullet points detailing the role of the operating level data officer.

At the bottom, an "Accountability" matrix is visible, which maps activities and controls to various roles across the organization. The matrix columns include roles like CDO, CAD, Project, PMO, CHRO, Chief Ethics Officer, Lab, CRO, CPO, CSO, CIO, and Chief Auditor. The rows list various organizational components such as Products, Data, Data Management Framework, and Data Governance.

DCAM RACI

DCAM Artefacts vs. DMBOK & NDMO

Handling of Frameworks

Playbooks can be analyzed, compared and combined, allowing the handling of multiple frameworks and avoiding duplication of work.

The screenshot displays the Prodag V4 interface for comparing compliance frameworks. The main content area shows a tree view of DCAM 2.2.1 artefacts, with a comparison table on the right. The table has columns for 'Expand / Collapse', 'NDMO', and 'DMBOK'. A tooltip is visible over the table, showing details for 'NDMO - Data Management and Personal Data Protection Standards'.

Expand / Collapse	NDMO	DMBOK
5 - Data Quality Management		
5.1 - Data Quality Management (DQM) is Established		
5.1.1 - The DQM strategy and approach are defined and adopted		
5.1.2 - The DQM stakeholder roles and responsibilities are defined and implemented		
5.1.3 - The DQM processes are defined and operational		
5.1.4 - The DQM processes are auditable		
Ratings Assessment		
Risk Mitigation Strategy		
5.2 - Data is Profiled and Measured		
5.2.1 - Data has been identified and prioritized		
Communication Plan		
Data Domains and Subject Areas		
Data Quality Critical Data Elements		
Force Field Matrix		
Metadata Catalog		
5.2.2 - Data Quality (DQ) rules are defined and tested		
5.2.3 - The data is profiled, analyzed and graded		
5.3 - DQ Issues are Remediated		
5.4 - DQ is Monitored and Maintained		
8 - Analytics Management		

NDMO - Data Management and Personal Data Protection Standards

- Identify critical data for specific business context and...

CO0166-L0314

The Entity shall prioritize its data from the perspective of its importance for the Data Quality Management. The result of this prioritization shall be a ranked list of data to be followed when performing the Initial Data Quality Assessment. The 1st priority data shall include, at minimum, the Entity's master data.

- Prioritize enterprise data based on criticality

CO0166-L0314

The Entity shall prioritize its data from the perspective of its

DCAM - DMBOK – NDMO artefacts

Handling of Frameworks

Playbooks can be analyzed, compared and combined, allowing the handling of multiple frameworks and avoiding duplication of work.

The screenshot shows the Prodago Master web application interface. The left sidebar contains navigation options: Home, Configuration, Projects, Governance, and Artefacts (selected). The main content area displays a table of artefacts (66 total) categorized into groups like Data Quality Critical Data Elements, Data Quality Data Issues, Data Quality Governance Reports, Data Quality Profile, Data Quality Program Organization, and Data Quality Report. The table has columns for NDMO, DCAM 2.2.1, and DMBOK, with blue dots indicating the presence of an artefact in that framework. A tooltip is shown for the 'Resolution Plan & Ownership' artefact, displaying its ID (CO0034-L0090) and a detailed description of its content.

Artefacts (66)	NDMO	DCAM 2.2.1	DMBOK
Data Quality Critical Data Elements			
Force Field Matrix			
Data Quality Critical Data Elements			
Data Quality Data Issues			
Resolution Plan & Ownership		•	
Data Quality Data Issues			
Data Quality Governance Reports			
Data Quality Metrics Dashboard			
Data Quality Profile			
Data Quality Rules	•	•	•
Data Quality Program Organization			
Data Quality Program Organization	•	•	
Governance Structure and Roles	•	•	•
Data Quality Report			
Data Quality Reports	•	•	•
KPI	•	•	•
Trend Analysis & Benchmarking	•	•	•
Data Quality Governance Reports	•		
Data Quality Monitoring and Reporting Framework		•	

Artefact Templates

Accelerated Implementation

Playbooks includes detailed artefacts and templates fast-tracking implementation and deployment. Activities can be organized automatically in implementation plans.

The screenshot displays a web application interface for managing artefacts. The browser address bar shows `https://sit.prodago.com/knowledge/artefacts`. The user is logged in as Mario Cantin, Administrator. The main content area lists various artefacts under the heading "Artefacts (49)", including categories like "Data Quality Critical Data Elements", "Data Quality Data Issues", "Data Quality Governance Reports", and "Data Quality Profile". A detailed view of an artefact, "#ART-1244 Data Quality Critical Data Elements", is shown on the right, featuring a description, templates, and evidence sections. An orange arrow points from the "Share" button in the Excel spreadsheet to the "Data Quality Critical Data Elements" artefact in the web application.

Artefact Details:

- Name:** Data Quality Critical Data Elements
- Status:** Active
- Owner:** Modelware

Evidence:

Name	By	Date
DQ CDE - Customer Value LoB	Mike Gaumond	2025-04-22

Example: One example of Data Quality Critical Data Elements used in the Higher Education industry includes Student Information Management Systems. These systems reliably collect, process, and store data points such as student demographics, course enrollment, academic performance (grades, credits, GPA), financial aid information, graduation rates, and postgraduation outcomes.

Excel Spreadsheet:

Deliverable	01. Data Element Identifier	02. Data Element Name
075. Data Quality Critical Data Elements	A unique identifier for each critical data element that enables precise tracking and reference throughout the data management lifecycle.	The standardized business name of the critical data element that is recognized across the institution.
Row.Number	01. Data Element Identifier	02. Data Element Name
1	Element Name: Customer Identifier	Business Definition: Unique alphanumeric code that identifies an individual customer systems
2	Element Name: Transaction Amount	Business Definition: The monetary value of a financial transaction in USD
3	Element Name: Product SKU	Business Definition: Stock Keeping Unit code that uniquely identifies products in inventory
4	Element Name: Patient Medical Record Number	Business Definition: Unique identifier assigned to each patient's medical record
5	Element Name: Regulatory Compliance Status	Business Definition: Current compliance status with relevant industry regulations

Policy Drafting

With AI assisted technology, playbooks can be used to automatically draft internal policies, fully aligned on your priorities, maturity level and risk tolerance.

The screenshot displays the Prodag V4 Compliance Playbook interface. The main content area shows a list of requirements under the heading "5.1.4 - The DQM processes are auditable". A vertical orange box highlights a column of checkboxes, with several of them checked. To the right, a modal window titled "Enterprise #OP3654" is open, showing the details for a specific requirement: "Define guidelines and procedures for data profiling". This modal includes tabs for "Details", "Implementation", "Artefacts", "Playbooks", "Risks", and "Enablers". The "Description" section states: "Establishing guidelines and procedures for data profiling to ensure its suitability for use. This includes defining the criteria and methods for analyzing and evaluating data quality, completeness, and accuracy." Below this, a "Specification from this Statement" section shows a table with columns for "Statement", "ID", and "Status". The table contains one entry: "DCAM 2.2.1", "CO0034-L0094", and "To Be Implemented". The "Intended Results" section lists: "A standardized approach to conducting data profiling activities is established", "Guidelines and procedures for data profiling are established", and "Criteria for analyzing and evaluating data quality, completeness, and accuracy are defined".

Prodag V4

Compliance Playbook / EDMC - DCAM 2.2.1

Search...

Select All Set OPs Status ...

Expand / Collapse

- Requisite Design DQM metrics, reports, and dashboards
- Requisite Map data quality management practices to policies and standards
- Requisite Produce data quality governance reports
- 5.1.4 - The DQM processes are auditable
 - Requisite Assess data governance processes
 - Requisite Assess data management capabilities
 - Requisite Audit data management processes
 - Requisite Audit DQM operating practices
 - Requisite Define thresholds for data quality metrics
 - Requisite Self assess DQM practices by a project
- 5.2 - Data is Profiled and Measured
 - 5.2.1 - Data has been identified and prioritized
 - Requisite Assess enterprise data requirements
 - Requisite Define a communication plan for data quality management
 - Requisite Define guidelines and procedures for data profiling
 - Requisite Develop guidelines and procedures to assess data criticality
 - Requisite Identify critical data for specific business context and scope

Draft Directive

Playbook Compare View Group By 1 X

Enterprise #OP3654

Define guidelines and procedures for data profiling

Details Implementation Artefacts¹ Playbooks² Risks¹ Enablers⁰

Description

Establishing guidelines and procedures for data profiling to ensure its suitability for use. This includes defining the criteria and methods for analyzing and evaluating data quality, completeness, and accuracy.

Specification from this Statement (1)

Statement	ID	Status
DCAM 2.2.1	CO0034-L0094	To Be Implemented

Profiling and measuring the data includes

- prioritizing the data in scope based on criticality and materiality;
- defining and testing data quality rules based on business rules;
- measuring that the data is fit-for-purpose.

Specifications from other Statements (1)

Specifications from other Playbooks (None)

Intended Results

- A standardized approach to conducting data profiling activities is established
- Guidelines and procedures for data profiling are established
- Criteria for analyzing and evaluating data quality, completeness, and accuracy are defined

Enforcement in Projects

Playbooks can automatically generate governance plan in projects. Evidence can be collected; governance gating can be set, increasing trust level.

The screenshot displays a web application interface for 'Enforcement Status per Project'. The browser address bar shows 'https://saas.prodago.com/oversight/enforcement/per-project'. The user is identified as 'Mario Cantin, Administrator'. The page title is 'Governance / Dashboard / Enforcement Status per Project'. A search bar and a filter button are present at the top.

The main content area is titled 'Enforcement Status Per Project' and includes a legend for 'In The Plan' (green), 'Derogation' (yellow), 'Not In Plan' (red), and 'Not Defined' (purple). A summary bar shows 'All Projects' with an overall enforcement of 50%.

A table lists 6 projects with their activity status and enforcement percentages:

Project Name	Activity Status	Enforcement
Personalized Financial Advice Engine	16 (100%)	100%
Cost Effectiveness Metric	16 (94%)	94%
Customer Sentiment Analysis Platform	19 (53%)	53%
Risk Assessment and Compliance Monitoring System	13 (35%)	35%
Fraud Detection and Prevention System	5 (17%)	17%

Below the project list, there are tabs for 'PLAYBOOKS', 'ACTIVITIES', and 'DEROGATION REASONS'. The 'PLAYBOOKS' tab is active, showing a table of playbooks:

Playbook Name	Type	Status	Enforcement
DCAM 2.2.1	Compliance	1 (50%)	50%
DMBOK	Compliance	5 (50%)	50%
NDMO	Compliance	19 (0%)	0%

Additional project cards are visible at the bottom, including 'Customer Service Content Generator' with 15 (0%) enforcement.

Enforcement in Projects

Playbooks can automatically generate governance plan in projects. Evidence can be collected; governance gating can be set, increasing trust level.

The image displays two overlapping screenshots of a web application interface. The top screenshot shows a 'Questionnaire' page for a project titled 'Fraud Detection and Prevention System'. The questionnaire is divided into sections: 'Context' (3/3 questions answered) with 'Product' and 'Data' marked as complete; and 'Details' (4/6 questions answered) with 'Model Characteristics', 'Data', 'Sensitive Data', 'Data Sources', and 'Metadata' marked as complete. The 'Data' section is currently active. Below the questionnaire, there are questions about 'Sensitive Data Usage' and 'Personal Information Collection'. The bottom screenshot shows an 'Automated Plan' page for the same project. It lists 30 activities under various categories: Planning, Business Understanding, and Data Understanding. Each activity has a status dropdown menu. For example, 'Identify authoritative data sources for project data' is 'Not Defined', while 'Assess potential impacts and harms from the development, provision or use of AI systems' is 'In the Plan'. A search bar is visible at the top of the activities page.

Questionnaire to triage activities

Automated Plan