

DCAM v2 Table of Contents				
Component (8)	Capability (38)	Sub-Capability (136)	Objectives (491)	
1.0.0 Data Management Strategy & Business Case	1.1.0 The Data Management Strategy (DMS) is Specified and Shared	1.1.1 The DMS is developed, documented, and consolidated	3	
		1.1.2 The DMS is aligned with high-level organizational objectives	3	
		1.1.3 The DMS addresses the core strategy concepts from each DCAM component	3	
		1.1.4 The DMS includes an established mechanism for approval	3	
		1.1.5 The DMS has been evaluated as being enforceable	2	
	1.2.0 The Data Management Business Case is Defined	1.2.1 High-level business requirements are documented	2	
		1.2.2 Business requirements have been prioritized, approved, and incorporated into the DMS	2	
		1.2.3 The DM business case is mapped to and aligned with the DMS	3	
		1.2.4 Expected DM outcomes are defined and sequenced	2	
		1.2.5 The DM business case is socialized and validated by stakeholders	3	
	1.3.0 The Data Management Vision is Defined	1.3.1 The Data Content Strategy is defined	2	
		1.3.2 The Data Usage Strategy is identified	3	
		1.3.3 The Data Management Deployment Strategy is communicated	4	
	2.0.0 Data Management Program & Funding Model	2.1.0 The Data Management Program (DMP) is Established	2.1.1 The DMP strategy and approach are defined and adopted	5
			2.1.2 The DMP PMO is established and roles and responsibilities are defined and implemented	5
2.1.3 The DMP processes are defined and operational			3	
2.1.4 The DMP has the authority to enforce adherence and compliance			2	
2.1.5 The DMP concepts are reflected in the DMS			3	
2.2.0 The DM Funding Model has been Established, Approved, and Adopted by the Organization		2.2.1 The DM funding model is matched to business requirements, implementation timelines and operational capabilities	8	
		2.2.2 The DM funding model is aligned with the funding processes of the organization	4	
		2.2.3 Implementation of the DM funding model is enforced	3	
2.3.0 The Data Management Organizational Structure is Created and Implemented		2.3.1 The Office of Data Management (ODM) is created	3	
		2.3.2 The ODM has an executive owner	4	
		2.3.3 The ODM is funded and staffed by individuals with the required skill-sets	2	
2.4.0 The Roadmaps for the DMP are Developed, Socialized, and Approved		2.4.1 Program roadmaps are defined, developed, and aligned with the DMS	2	
		2.4.2 Program roadmaps are socialized and agreed to by stakeholders	2	
		2.4.3 Project plans are developed detailing deliverables, timelines, and milestones	3	
2.5.0 Data Management Process Excellence Program is Established		2.5.1 DM process standards are defined and implemented organization-wide	3	
		2.5.2 DM processes are informed by industry standards and best practices	2	
		2.5.3 DM processes are supported by policy and auditable	5	
2.6.0 Stakeholder Engagement is Established and Confirmed		2.6.1 Stakeholders commit and are held accountable for the DMP deliverables	4	
		2.6.2 Resource plans are aligned with and verified against initiative requirements	3	
		2.6.3 Funds are allocated and aligned to program roadmaps and workstreams	4	
2.7.0 Communications and Training Programs are Designed and Operational		2.7.1 Internal communication plans have been defined and approved	4	
		2.7.2 Plans for communication with external regulatory bodies are defined and approved	3	
		2.7.3 Formal training programs have been defined and implemented	3	
2.8.0 The DMP is Measured and Evaluated Against Business Objectives		2.8.1 Program metrics are defined and used to track progress	5	
		2.8.2 Outcome metrics are defined and used to track against business objectives	5	
		2.8.3 Process metrics are defined and used to drive continuous improvement	5	
		2.8.4 Financial metrics for total program costs and benefits (ROI) are tracked and reported	6	

DCAM v2 Table of Contents			
Component (8)	Capability (38)	Sub-Capability (136)	Objectives (491)
<b>3.0.0 Business &amp; Data Architecture</b>	3.1.0 Data Architecture (DA) function is established	3.1.1 The DA strategy and approach are defined and adopted	7
		3.1.2 The DA stakeholder roles and responsibilities are defined and communicated	4
		3.1.3 The DA processes are defined and operational	3
	3.2.0 Business Architecture (BA) is Integrated with Data Architecture (DA)	3.2.1 BA defines process input and output data requirements	2
		3.2.2 Business data requirements must include data usage, data restrictions and data ethics considerations	2
		3.2.3 BA processes incorporate root cause fix of people or process	1
		3.2.4 DA governance is aligned with BA governance	2
	3.3.0 Identify the Data	3.3.1 Logical data domains have been identified, documented, inventoried and authorized	3
		3.3.2 Physical repositories of data have been located, documented and inventoried	2
		3.3.3 Physical data has been cataloged	3
	3.4.0 Define the Data	3.4.1 Enterprise entities are identified, defined, modeled and standardized	6
		3.4.2 Business definitions are composed, documented and approved	2
	3.4.3 Unique identification and classification are defined, applied and in use	3	
	3.4.4 Metadata is defined, modeled and standardized	3	
<b>4.0.0 Data &amp; Technology Architecture</b>	4.1.0 Technology Architecture (TA) is defined in support of the data management initiative	4.1.1 DM is engaged in the Technology vision and strategy	3
		4.1.2 DM is engaged in the definition and development of the organization-wide platform infrastructure	6
		4.1.3 DM is engaged in the definition and development of the organization-wide data storage infrastructure	6
		4.1.4 DM is engaged in the definition and development of the organization-wide data distribution infrastructure	6
		4.1.5 DM governance is aligned with TA governance	3
	4.2.0 DM Technology Tool Stack is Identified and Governed	4.2.1 DM technology tool selection strategy is defined and verified by stakeholders	2
		4.2.2 DM Technology tool roadmap is developed and implemented	2
		4.2.3 DM technology tool governance is integrated into Data Governance (DG)	3
	4.3.0 Operational Risk Planning is in Place	4.3.1 Operational risk governance structure and processes are in place and implemented	3
	4.3.2 Data infrastructure contingency planning is defined and in place	2	
<b>5.0.0 Data Quality Management</b>	5.1.0 Data Quality Management (DQM) is Established	5.1.1 The DQM strategy and approach are defined and adopted	7
		5.1.2 The DQM stakeholder roles and responsibilities are defined and implemented	4
		5.1.3 The DQM processes are defined and operational	3
		5.1.4 The DQM processes are auditable	5
	5.2.0 Data is Profiled and Measured	5.2.1 Data has been identified and prioritized	3
		5.2.2 Data Quality (DQ) rules are defined and tested	5
		5.2.3 The data is profiled, analyzed and graded	6
	5.3.0 DQ Issues are Remediated	5.3.1 Data remediation has been prioritized, planned, and actioned	4
		5.3.2 Root-cause analysis (RCA) process is defined	3
	5.4.0 DQ is Monitored and Maintained	5.4.1 DQ control points are in place	3
		5.4.2 Data issues are managed	3
		5.4.3 Continuous monitoring is performed	2

DCAM v2 Table of Contents			
Component (8)	Capability (38)	Sub-Capability (136)	Objectives (491)
<b>6.0.0 Data Governance</b>	6.1.0 Data Governance (DG) Function is Established	6.1.1 The DG strategy and approach are defined and adopted	7
		6.1.2 The DG organization structure is designed and implemented	6
		6.1.3 The DG stakeholder roles and responsibilities are defined and implemented	4
		6.1.4 The DG processes are defined and operational	3
	6.2.0 Policy and Standards are Written and Approved	6.2.1 Policy and Standards are written and complete	3
		6.2.2 Policy and Standards have been reviewed and approved by organizational stakeholders	3
		6.2.3 Policy and Standards have been reviewed and approved by executive governing bodies	2
		6.2.4 Policy and Standards are aligned with the organization-wide control function policies and standards	4
		6.2.5 Policy and Standards are enforceable and auditable	2
	6.3.0 Govern the DM Program	6.3.1 Program funding governance is established and operational	4
		6.3.2 Program and project review and approval processes are established	4
		6.3.3 Business process optimization for DM is enforced	2
		6.3.4 Issue management process is defined and operational	3
	6.4.0 Govern the Data Structure	6.4.1 Govern the Authoritative Data Domains identification and use	2
		6.4.2 Govern the models, glossaries, identifiers, classifications and relationships	3
	6.5.0 Govern that the Data is Fit-for-Purpose	6.5.1 Govern the data access and Use	1
		6.5.2 Govern the adherence to contractual terms & regulatory policy	2
		6.5.3 Govern the data use according to established Data Sharing Agreements	3
6.6.0 Govern the Data Ethics	6.6.1 Establish a formal data ethics oversight function	8	
	6.6.2 Govern the ethical access and appropriate use of data	2	
	6.6.3 Govern the ethical outcomes of data access and use	3	
<b>7.0.0 Data Control Environment</b>	7.1.0 Data Control Environment (DCE) is Evidenced	7.1.1 The Data Control Environment is established	3
		7.1.2 The stakeholder roles and responsibilities are defined and implemented	2
		7.1.3 DM capabilities are aligned and working collaboratively across the organization	2
	7.2.0 Cross-organization Control Function Collaboration	7.2.1 Control function and data management policies and standards are aligned	2
		7.2.2 Regular routines are established with cross-organization control functions	1
		7.2.3 Data entering the ecosystem is subject to cross-organization controls	2
	7.3.0 Data Risk is Managed	7.3.1 Organizational Unit compliance	3
		7.3.2 Data Risk function oversight	2
		7.3.3 Internal Audit review	2

## DCAM v2 Table of Contents

Component (8)	Capability (38)	Sub-Capability (136)	Objectives (491)
<b>8.0.0 Analytics Management</b>	8.1.0	8.1.1 The Analytics strategy and approach are defined and adopted	5
	The Analytics Function is Established	8.1.2 A categorization system for levels of analytics is defined and adopted	4
		8.1.3 The Analytics operating model is defined, and its structure is implemented	5
		8.1.4 The funding model for Analytics has been established, approved and adopted	5
		8.1.5 Analytics governance structures are in place	8
		8.1.6 An analytics methodology and model documentation standard have been adopted	6
		8.2.0	8.2.1 Dependencies between Analytics and Business Architecture are understood and addressed
	Analytics is Aligned with Business and Data Management Strategy	8.2.2 The prioritization of Analytics is driven by business strategy	5
		8.2.3 Analytics support and influence business needs and is actionable where required	5
		8.2.4 Analytics impact is measured and understood to be driving business value	5
		8.3.0	8.3.1 Analytics data lineage is understood, and authoritative data sources are used
	Analytics is Aligned with Data Architecture	8.3.2 Analytics reference approved business definitions	4
		8.3.3 Analytics respect the organization's identification and classification standards	4
		8.3.4 Data preparation standards exist and are applied consistently	4
		8.4.0	8.4.1 The quality of data both used and created by analytics is fit-for-purpose
	Analytics is Aligned with Data Quality	8.4.2 Issues identified during data preparation are managed via the Data Quality Management framework	4
		8.5.0	8.5.1 The platform design meets the needs of the Analytics operating model
	The Analytics Platform is Designed and Operational	8.5.2 The platform addresses the separate needs for innovation and production	4
		8.5.3 A version control regime is defined and in place	5
		8.5.4 Data obfuscation strategies are defined and supported	2
		8.5.5 Environment scalability requirements are understood and appropriately supported	3
		8.6.0	8.6.1 Model testing, approval, release and regular review processes are in place and effective
	Model Operationalization is Established	8.6.2 Model approval and release is aligned with data ethics governance	5
		8.6.3 Model approval and release is aligned with privacy governance	5
		8.6.4 Model bias is understood and managed	4
		8.6.5 Requirements for model explainability are understood and incorporated	4
		8.7.0	8.7.1 The behaviors needed for an Analytics culture are understood and measured
	The Analytics Culture and Education Needs are Managed	8.7.2 Initiatives to address culture gaps are in place	5
8.7.3 The learning experience needs of Analytics practitioners are defined		4	
8.7.4 Education initiatives to address skills gaps are in place		4	