

## **MyDAMA** >> **Downloads**

Esta versão do Data Management Body of Knowledge versão 1.0 foi substituída pelo DAMA-DMBOK 2.0 (https://www.dama.org/cpages/dmbok-2-image-download)

O DAMA International **DAMA-DMBOK Versão 1** tem uma série de imagens e diagramas que se mostraram extremamente úteis para profissionais de gerenciamento de dados desde 2009, quando o BOK foi publicado pela primeira vez. Para auxiliar nossos membros do DAMA, selecionamos uma série dessas imagens e diagramas para disponibilizar para download.

Todas as imagens abaixo podem ser baixadas clicando com o botão direito do mouse na imagem.

(http://creativecommons.org/licenses/by-nd/4.0/)
Imagens DAMA DMBOK selecionadas pela DAMA International
(https://www.dama.org/) são licenciadas sob uma Licença Creative
Commons Atribuição-SemDerivações 4.0 Internacional
(http://creativecommons.org/licenses/by-nd/4.0/).

Você pode baixá-los e compartilhá-los com outras pessoas, desde que dê os créditos à DAMA International.

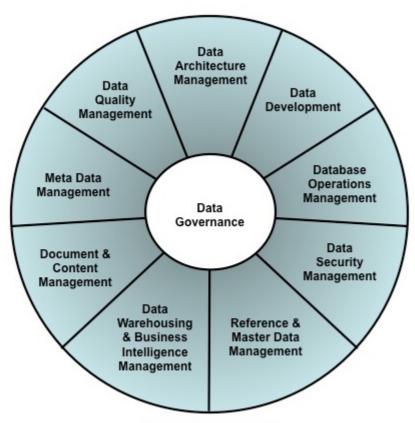
Ver Escritura de Licença (https://creativecommons.org/licenses/by-nd/4.0/) | Ver Código Legal (https://creativecommons.org/licenses/by-nd/4.0/legalcode)

د

## =

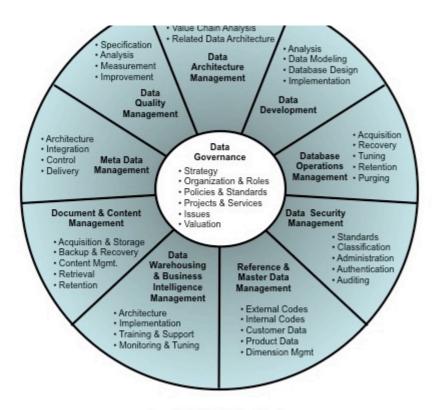
## Estrutura

### 1. A "Roda"



Copyright © DAMA International

## 2. "Roda" expandida



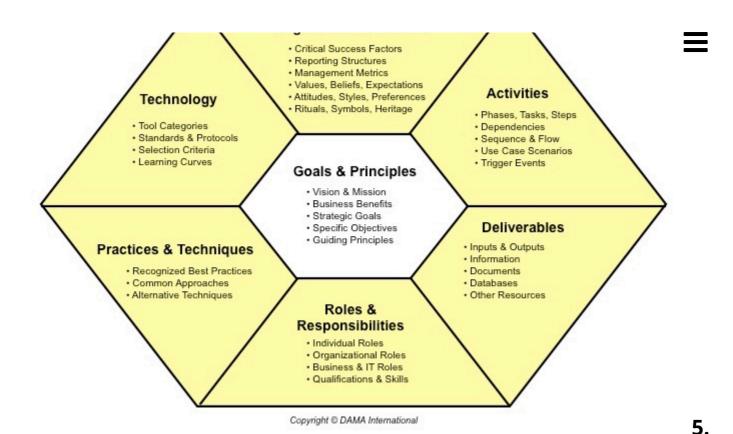
# 3. Elementos ambientais

Copyright © DAMA International

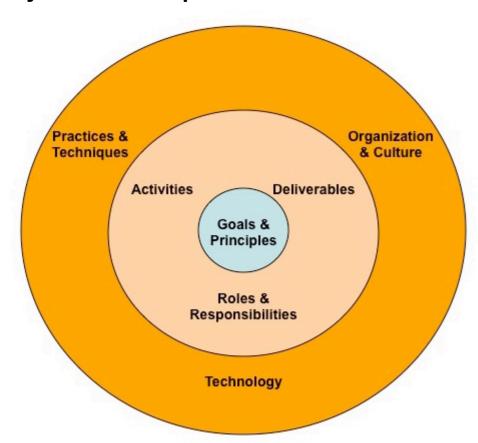


Copyright © DAMA International

## 4. Elementos ambientais expandidos



## **Objetivos e Princípios**



Copyright © DAMA International

### 1. Gestão de Dados

## Data Management

Definition: The planning, execution and oversight of policies, practices and projects that acquire, control, protect, deliver, and enhance the value of data and information assets.

Mission: To meet the data availability, quality, and security needs of all stakeholders.

#### Goals:

- To understand the information needs of the enterprise and all its stakeholders.
- To capture, store, protect, and ensure the integrity of data assets.
- To continually improve the quality of data and information.
- To ensure privacy and confidentiality, and to prevent unauthorized or inappropriate use of data and information.
- 5. To maximize effective use and value of data and information assets.



- Business Strategy
- Business Activity
- IT Activity
- · Data Issues

#### Suppliers:

- Executives
- Data Creators
- External Sources
- · Regulatory Bodies

#### Participants:

- Data Creators
- Information Consumers
- Data Stewards
- Data Professionals
- Executives

#### Functions:

- Data Governance
- Data Architecture Management
- Data Development
- **Database Operations Management**
- Data Security Management
- Reference & Master Data Management
- Data Warehousing & Business Intelligence Management
- Document & Content Management
- Meta-data Management
- 10. Data Quality Management

#### Tools:

- Data Modeling Tools
- · Database Management Systems
- · Data Integration and Quality Tools
- · Business Intelligence Tools
- · Document Management Tools · Meta-data Repository Tools
- Copyright @ DAMA International



#### Primary Deliverables:

- Data Strategy
- Data Architecture
- Data Services
- Databases
- Data, Information. Knowledge and Wisdom

#### Consumers:

- Clerical Workers
- Knowledge Workers
- Managers
- Executives
- Customers

- Data Value Metrics
- Data Quality Metrics
- · DM Program Metrics

## 2. Governança de dados

## 1. Data Governance

Definition: The exercise of authority and control (planning, monitoring, and enforcement) over the management of data assets.

#### Goals

- To define, approve, and communicate data strategies, policies, standards, architecture, procedures, and metrics.
- To track and enforce regulatory compliance and conformance to data policies, standards, architecture, and procedures.
- To sponsor, track, and oversee the delivery of data management projects and services.
- To manage and resolve data related issues
- To understand and promote the value of data assets



### Inputs:

- Business Goals
- Business Strategies
- IT Objectives
- · IT Strategies
- Data Needs
- · Data Issues
- · Regulatory Requirements

#### Suppliers:

- · Business Executives
- IT Executives
- · Data Stewards
- · Regulatory Bodies

### Participants:

- · Executive Data Stewards
- · Coordinating Data Stewards
- · Business Data Stewards
- · Data Professionals
- · DM Executive
- · CIO

#### Activities:

### 1. Data Management Planning (P)

- Understand Strategic Enterprise Data Needs
- 2. Develop and Maintain the Data Strategy
- Establish Data Professional Roles and Organizations
- 4. Identify and Appoint Data Stewards
- 5. Establish Data Governance and Stewardship Organizations
- Develop and Approve Data Policies, Standards, and Procedures
- Review and Approve Data Architecture
- 8. Plan and Sponsor Data Management Projects and Services
- 9. Estimate Data Asset Value and Associated Costs

#### 2. Data Management Control (C)

- Supervise Data Professional Organizations and Staff
- 2. Coordinate Data Governance Activities
- Manage and Resolve Data Related Issues
- 4. Monitor and Ensure Regulatory Compliance
- 5. Monitor and Enforce Conformance With Data Policies, Standards, and Architecture
- 6. Oversee Data Management Projects and Services
- 7. Communicate and Promote the Value of Data Assets

#### Tools:

- · Intranet Website
- E-Mail
- Meta-data Tools
- Meta-data Repository
- · Issue Management Tools
- Data Governance KPI

#### Primary Deliverables:

- Data Policies
- Data Standards
- Resolved Issues
- Data Management Projects and Services
- Quality Data and Information
- · Recognized Data Value

#### Consumers:

- Data Producers
- Knowledge Workers
- · Managers and Executives
- Data Professionals
- Customers

#### Metrics

- Data Value
- Data Management Cost
- Achievement of Objectives
- # of Decisions Made
- Steward Representation / Coverage
- · Data Professional Headcount
- Data Management Process

Activities: (P) - Planning (C) - Control (D) - Development (O) - Operational



## 2. Data Architecture Management

Definition: Defining the data needs of the enterprise and designing the master blueprints to meet those needs.

- To plan with vision and foresight to provide high quality data.
- To identify and define common data requirements.
- To design conceptual structures and plans to meet the current and long-term data requirements of the enterprise.



#### Inputs:

- · Business Goals
- Business Strategies
- · Business Architecture
- · Process Architecture
- IT Objectives
- IT Strategies
- Data Strategies
- · Data Issues
- Data Needs
- · Technical Architecture

#### Suppliers:

- Executives
- · Data Stewards
- Data Producers
- Information Consumers

- 1. Understand Enterprise Information Needs (P)
- 2. Develop and Maintain the Enterprise Data Model (P)
- 3. Analyze and Align With Other Business Models (P)
- 4. Define and Maintain the Data Technology Architecture (P)
- 5. Define and Maintain the Data Integration Architecture (P)
- 6. Define and Maintain the DW/BI Architecture (P)
- 7. Define and Maintain Enterprise Taxonomies and Namespaces (P)
- 8. Define and Maintain the Meta-data Architecture (P)

#### Participants:

- · Data Stewards
- · Subject Matter Experts (SMEs)
- · Data Architects
- · Data Analysts and Modelers
- · Other Enterprise Architects
- · DM Executive and Managers
- · CIO and Other Executives
- · Database Administrators · Data Model Administrator

### Tools:

- Data Modeling Tools
- Model Management Tool
- Meta-data Repository
- · Office Productivity Tools



#### Primary Deliverables:

- Enterprise Data Model · Information Value Chain Analysis
- Data Technology Architecture
- Data Integration / MDM Architecture
- DW / BI Architecture
- Meta-data Architecture
- Enterprise Taxonomies and Namespaces
- Document Management Architecture
- Meta-data

#### Consumers:

- Data Stewards
- Data Analysts
- Database Administrators
- Software Developers
- · Project Managers
- Data Producers
- Knowledge Workers
- · Managers and Executives

Activities: (P) - Planning (C) - Control (D) - Development (O) - Operational

### 4. Desenvolvimento de Dados

## 3. Data Development

Definition: Designing, implementing, and maintaining solutions to meet the data needs of the enterprise.

- Identify and define data requirements.
- 2. Design data structures and other solutions to these requirements.
- Implement and maintain solution components that meet these requirements.
- Ensure solution conformance to data architecture and standards as appropriate. Ensure the integrity, security, usability, and maintainability of structured data assets.



#### Inputs:

- · Business Goals and Strategies
- Data Needs and Strategies
- Data Standards
- · Data Architecture
- Process Architecture
- · Application Architecture
- Technical Architecture

#### Suppliers:

- Data Stewards
- Subject Matter Experts
- IT Steering Committee
- Data Governance Council
- · Data Architects and Analysts Software Developers
- · Data Producers
- · Information Consumers

### Participants:

- · Data Stewards and SMEs
- Data Architects and Analysts
- · Database Administrators
- · Data Model Administrators
- Software Developers
- Project Managers
- · DM Executives and Other IT Management

- 1. Data Modeling, Analysis and Solution Design (D)
  - 1. Analyze Information Requirements
  - 2. Develop and Maintain Conceptual Data Models
  - 3. Develop and Maintain Logical Data Models
  - 4. Develop and Maintain Physical Data Models

### 2. Detailed Data Design (D)

- Design Physical Databases
- 2.Design Information Products
- 3. Design Data Access Services
- 4. Design Data Integration Services
- 3. Data Model and Design Quality Management 1. Develop Data Modeling and Design Standards (P)
  - 2. Review Data Model and Database Design Quality (C)
  - 3. Manage Data Model Versioning and Integration (C)

### 4. Data Implementation (D)

- 1. Implement Development / Test Database Changes
- 2.Create and Maintain Test Data
- 3. Migrate and Convert Data
- 4. Build and Test Information Products
- 5. Build and Test Data Access Services
- 6. Validate Information Requirements
- 7. Prepare for Data Deployment

- Data Modeling Tools
- Database Management
- Software Development Tools
- · Data Profiling Tools
- · Model Management Tools
- · Configuration Management Tools
- · Office Productivity Tools

Activities: (P)-Planning (C) - Control (D) - Development (O) - Operational

Copyright @ DAMA International

#### Primary Deliverables:

- Data Requirements and Business Rules
- · Conceptual Data Models
- · Logical Data Models and Specifications
- · Physical Data Models and Specifications
- · Meta-data (Business and Technical)
- · Data Modeling and DB Design Standards
- · Data Model and DB Design Reviews
- · Version Controlled Data Models
- · Test Data
- · Development and Test Databases
- Information Products
- · Data Access Services
- · Data Integration Services
- · Migrated and Converted Data

### Consumers:

- Data Producers
- · Knowledge Workers
- · Managers and Executives
- Customers
- Data Professionals
- · Other IT Professionals

01/09/24, 17:02 Imagens DMBOKv1



## 5. Operações de dados

Definition: Planning, control, and support for structured data assets across the data lifecycle, from creation and acquisition through archival and purge. .

#### Goals:

- Protect and ensure the integrity of structured data assets.
- Manage availability of data throughout its lifecycle.
- Optimize performance of database transactions.

### Inputs:

- Data Requirements
- Data Architecture
- · Data Models
- · Legacy Data
- · Service Level Agreements

#### Suppliers:

- Executives
- · IT Steering Committee
- · Data Governance Council
- Data Stewards
- · Data Architects and Modelers
- · Software Developers

#### Participants:

- Database Administrators
- · Software Developers
- · Project Managers
- Data Stewards
- · Data Architects and Analysts
- · DM Executives and Other IT Management
- IT Operators

#### Activities:

#### 1. Database Support

- 1.Implement and Control Database Environments (C)
- 2. Obtain Externally Sourced Data (O)
- 3. Plan for Data Recovery (P)
- 4.Backup and Recover Data (O)
- 5. Set Database Performance Service Levels (P)
- 6.Monitor and Tune Database Performance (C)
- 7. Plan for Data Retention (P)
- 8.Archive, Retain, and Purge Data (O)
- 9. Support Specialized Databases (O)

### 2. Data Technology Management

- 1.Understand Data Technology Requirements (P)
- 2. Define the Data Technology Architecture (P)
- 3. Evaluate Data Technology (P)
- 4.Install and Administer Data Technology (C)
- 5. Inventory and Track Data Technology Licenses (C)
- 6. Support Data Technology Usage and Issues (O)

- Database Management Systems
- · Data Development Tools
- Database Administration Tools
- Office Productivity Tools



#### Primary Deliverables:

- DBMS Technical Environments
- · Dev/Test, QA, DR, and Production Databases
- Externally Sourced Data
- · Database Performance
- · Data Recovery Plans
- **Business Continuity**
- Data Retention Plan
- · Archived and Purged Data

#### Consumers:

- · Data Creators
- · Information Consumers
- Enterprise Customers
- · Data Professionals
- · Other IT Professionals

#### Metrics

- Availability
- Performance

Activities: (P) - Planning (C) - Control (D) - Development (O) - Operational

Copyright @ DAMA International

## 6. Gestão de Segurança de Dados

Definition: Planning, development, and execution of security policies and procedures to provide proper authentication, authorization, access, and auditing of data and information.

#### Goals

- Enable appropriate, and prevent inappropriate, access and change to data assets.
- 2. Meet regulatory requirements for privacy and confidentiality.
- Ensure the privacy and confidentiality needs of all stakeholders are met. 3.



#### Inputs:

- · Business Goals
- Business Strategy
- · Business Rules
- · Business Process
- Data Strategy
- Data Privacy Issues
- Related IT Policies and Standards

### Suppliers:

- Data Stewards
- Data Stewardship Council
- Government
- Customers

#### Activities:

- 1. Understand Data Security Needs and Regulatory Requirements (P)
- Define Data Security Policy (P)
- Define Data Security Standards (P)
- Define Data Security Controls and Procedures (D)
- Manage Users, Passwords, and Group Membership (C)
- Manage Data Access Views and Permissions (C)
- 7. Monitor User Authentication and Access Behavior (C)
- Classify Information Confidentiality (C)
- 9. Audit Data Security (C)

#### Participants:

- Data Stewards
- Database Administrators
- · Bl Analysts
- · Data Architects
- · DM Leader
- · CIO/CTO
- · Help Desk Analysts

#### Tools:

- · Database Management System
- IT Steering Committee Data Security Administrators Business Intelligence Tools
  - Application Frameworks
  - · Identity Management Technologies
  - · Change Control Systems



#### Primary Deliverables:

- · Data Security Policies
- Data Privacy and
- Confidentiality Standards
- · User Profiles, Passwords and Memberships
- Data Security Permissions
- · Data Security Controls
- · Data Access Views
- · Document Classifications
- Authentication and Access
- · Data Security Audits

#### Consumers:

- Data Producers
- · Knowledge Workers
- Managers
- Executives
- Customers

Activities: (P) - Planning (C) - Control (D) - Development (O) - Operational

Copyright @ DAMA International

## 7. Gestão de Dados Mestres e de Referência

Definition: Planning, implementation, and control activities to ensure consistency with a "golden version" of contextual data values.

#### Goals:

- Provide authoritative source of reconciled, high-quality master and reference data.
- 2. Lower cost and complexity through reuse and leverage of standards.
- 3. Support business intelligence and information integration efforts.

#### Inputs:

- · Business Drivers
- Data Requirements
- · Policy and Regulations
- · Standards
- · Code Sets
- · Master Data
- Transactional Data

#### Suppliers:

- Steering Committees
- · Business Data Stewards
- · Subject Matter Experts
- · Data Consumers
- · Standards Organizations
- · Data Providers

#### Participants:

- · Data Stewards
- · Subject Matter Experts
- · Data Architects
- · Data Analysts
- Application Architects
- · Data Governance Council
- Data Providers
- · Other IT Professionals

#### Activities:

- 1. Understand Reference and Master Data Integration Needs (P)
- 2. Identify Master and Reference Data Sources and Contributors
- Define and Maintain the Data Integration Architecture (P)
- Implement Reference and Master Data Management Solutions (D)
- Define and Maintain Match Rules (C)
- Establish "Golden" Records (C)
- Define and Maintain Hierarchies and Affiliations (C)
- 8. Plan and Implement Integration of New Data Sources (D)
- 9. Replicate and Distribute Reference and Master Data (O)
- 10. Manage Changes to Reference and Master Data (O)

- · Reference Data Management Applications
- Master Data Management Applications
- Data Modeling Tools
- · Process Modeling Tools
- Meta-data Repositories
- Data Profiling Tools
- Data Cleansing Tools
- Data Integration Tools
- · Business Process and Rule Engines
- Change Management Tools

#### Primary Deliverables:

- Master and Reference Data Requirements
- Data Models and Documentation
- · Reliable Reference and Master Data
- "Golden Record" Data Lineage
- · Data Quality Metrics and Reports

#### · Data Cleansing Services

#### Consumers:

- Application Users
  - BI and Reporting Users
  - Application Developers and Architects
- Data Integration Developers and Architects
- · BI Developers and Architects
- Vendors, Customers, and Partners

- · Reference and Master Data Quality
- · Change Activity
- · Issues, Costs, Volume
- · Use and Re-Use
- Availability
- Data Steward Coverage

Activities: (P) - Planning (C) - Control (D) - Development (O) - Operational

Copyright © DAMA International

## 8. Data Warehousing e Gestão de Business Intelligence

#### Dusiness intelligence management

Definition: Planning, implementation, and control processes to provide decision support data and support knowledge workers engaged in reporting, query and analysis.

- To support and enable effective business analysis and decision making by knowledge workers.
- To build and maintain the environment / infrastructure to support business intelligence activity, specifically leveraging all the other data management functions to cost effectively deliver consistent integrated data for all BI activity.



#### Inputs:

- Business Drivers
- · BI Data and Access Requirements
- · Data Quality Requirements
- · Data Security Requirements
- Data Architecture
- Technical Architecture
- · Data Modeling Standards and Guidelines
- Transactional Data
- · Master and Reference Data
- · Industry and External Data

#### Suppliers:

- · Executives and Managers
- Subject Matter Experts
- Data Governance Council
- Information Consumers (Internal and External)
- Data Producers
- · Data Architects and Analysts

#### Activities:

- Understand Business Intelligence Information Needs (P)
   Define and Maintain the DW / BI Architecture (P)
- Implement Data Warehouses and Data Marts (D)
- Implement BI Tools and User Interfaces (D) Process Data for Business Intelligence (O)
- Monitor and Tune Data Warehousing Processes (C)
- 7. Monitor and Tune BI Activity and Performance (C)

#### Participants:

- · Business Executives and Managers
- . DM Execs and Other IT Mgmt
- Bl Program Manager
- · SMEs and Other Info Consumers
- Data Stewards
- · Project Managers
- Data Architects and Analysts
- · Data Integration (ETL) Specialists
- · BI Specialists
- · Database Administrators
- Data Security Administrators
- · Data Quality Analysts

#### Tools:

- · Database Management Systems
- Data Profiling Tools
- Data Integration Tools
- Data Cleansing Tools
- · Business Intelligence Tools
- · Analytic Applications
- · Data Modeling Tools
- · Performance Management Tools
- · Meta-data Repository
- · Data Quality Tools · Data Security Tools

### Primary Deliverables:

- DW/BI Architecture
- Data Warehouses
- Data Marts and OLAP Cubes
- · Dashboards and Scorecards
- Analytic Applications
- File Extracts (for Data Mining/ Stat. Tools)
- BI Tools and User Environments
- Data Quality Feedback Mechanism/Loop

#### Consumers:

- Knowledge Workers
- Managers and Executives
- · External Customers and Systems
- · Internal Customers and Systems
- Data Professionals
- · Other IT Professionals

#### Metrics:

- Usage Metrics
- · Customer/User Satisfaction
- Subject Area Coverage %s
- · Response/Performance Metrics

Activities: (P) - Planning (C) - Control (D) - Development (O) - Operational



## 8. Document & Content Management

Definition: Planning, implementation, and control activities to store, protect, and access data found within electronic files and physical records (including text, graphics, images, audio, and video).

- To safeguard and ensure the availability of data assets stored in less structured formats.
- 2. To enable effective and efficient retrieval and use of data and information in unstructured formats.
- To comply with legal obligations and customer expectations.
- To ensure business continuity through retention, recovery, and conversion.
- To control document storage operating costs.



#### Inputs:

- Text Documents
- Reports
- · Spreadsheets
- Email
- · Instant Messages
- Faxes
- Voicemail
- · Images
- Video recordings
- · Audio recordings
- · Printed paper files
- Microfiche
- · Graphics

#### Suppliers:

- Employees
- External parties

#### Activities:

#### 1. Document / Records Management

- 1.Plan for Managing Documents / Records (P)
- 2.Implement Document / Records Management Systems for Acquisition, Storage, Access, and Security Controls (O, C)
- 3. Backup and Recover Documents / Records (O)
- 4. Retain and Dispose of Documents / Records (O)
- 5. Audit Document / Records Management (C)

#### 2. Content Management

- 1. Define and Maintain Enterprise Taxonomies (P)
- 2. Document / Index Information Content Meta-data (O)
- 3. Provide Content Access and Retrieval (O)
- 4. Govern for Quality Content (C)

### Participants:

- All Employees
- Data Stewards
- DM Professionals
- · Records Management Staff · Other IT Professionals
- Data Management Executive
- Other IT Managers
- · Chief Information Officer
- Chief Knowledge Officer

#### Tools:

- · Stored Documents
- · Office Productivity Tools
- · Image and Workflow Management Tools
- · Records Management Tools
- XML Development Tools
- · Collaboration Tools
- · Internet
- · Email Systems

#### Primary Deliverables:

- · Managed records in many media formats
- E-discovery records
- · Outgoing letters and emails
- · Contracts and financial documents
- · Policies and procedures
- · Audit trails and logs
- · Meeting minutes
- Formal reports
- Significant memoranda

#### Consumers:

- · Business and IT users
- · Government regulatory
- agencies
- · Senior management
- External customers

#### Metrics:

- · Return on investment
- · Key Performance Indicators
- Balanced Scorecards

Activities: (P) - Planning (C) - Control (D) - Development (O) - Operational

### 10. Gestão de Metadados

## 9. Meta-data Management

Definition: Planning, implementation, and control activities to enable easy access to high quality, integrated meta-data.

- Provide organizational understanding of terms, and usage
- Integrate meta-data from diverse source
- Provide easy, integrated access to meta-data
- Ensure meta-data quality and security



#### Inputs:

- Meta-data Requirements
- · Meta-data Issues · Data Architecture
- · Business Meta-data
- · Technical Meta-data
- · Process Meta-data
- · Operational Meta-data
- Data Stewardship Meta-data

#### Suppliers:

- Data Stewards
- Data Architects
- · Data Modelers Database
- Administrators Other Data
- Professionals
- Data Brokers
- · Government and Industry Regulators

#### Activities:

- 1. Understand Meta-data Requirements (P)
- Define the Meta-data Architecture (P)
- Develop and Maintain Meta-data Standards (P)
- Implement a Managed Meta-data Environment (D)
- Create and Maintain Meta-data (O)
- Integrate Meta-data (C)
- Manage Meta-data Repositories (C)
- Distribute and Deliver Meta-data (C)
- Query, Report, and Analyze Meta-data (O)

#### Participants:

- · Meta-data Specialist
- Data Integration Architects
- · Data Stewards
- · Data Architects and Modelers
- · Database Administrators
- · Other DM Professionals
- · Other IT Professionals
- · Business Users
- · DM Executive

- · Meta-data Repositories
- · Data Modeling Tools
- · Database Management Systems
- · Data Integration Tools
- · Business Intelligence Tools
- · System Management Tools
- Object Modeling Tools
- Process Modeling Tools
- Report Generating Tools
- Data Quality Tools · Data Development and
- Administration Tools
- · Reference and Master Data

### Primary Deliverables:

- Meta-data Repositories
- Quality Meta-data
- Meta-data Models and Architecture
- Meta-data Management Operational Analysis
- Meta-data Analysis
- Data Lineage
  - Change Impact Analysis
  - Meta-data Control Procedures

#### Consumers:

- Data Stewards
- Data Professionals
- Other IT Professionals
- Knowledge Workers
- Managers and Executives
- Customers and Collaborators
  - Business Users

#### Metrics:

- Meta Data Quality
- Master Data Service Data Compliance
- Meta-data Repository Contribution
- Meta-data Documentation Quality
- Steward Representation / Coverage
- Meta-data Usage / Reference
- · Meta-data Management Maturity
- · Meta-data Repository Availability

Activities: (P) - Planning (C) - Control (D) - Development (O) - Operational

## 11. Gestão da Qualidade de Dados

## 10. Data Quality Management

Definition: Planning, implementation, and control activities that apply quality management techniques to measure, assess, improve, and ensure the fitness of data for use.

#### Goals:

- To measurably improve the quality of data in relation to defined business expectations.
- To define requirements and specifications for integrating data quality control into the system development lifecycle.
- To provide defined processes for measuring, monitoring, and reporting conformance to acceptable levels of data quality.



#### Inputs:

- Business Requirements
- Data Requirements · Data Quality Expectations
- Data Policies and Standards
- · Business Meta-data
- · Technical Meta-data
- · Data Sources and Data

### Suppliers:

- · External Sources
- Regulatory Bodies
- · Business Subject Matter Experts
- · Information Consumers
- Data Producers
- · Data Architects
- · Data Modelers
- · Data Stewards

### Activities:

- 1. Develop and Promote Data Quality Awareness (O)
- Define Data Quality Requirements (D)
- Profile, Analyze, and Assess Data Quality (D)
- Define Data Quality Metrics (P)
- 5. Define Data Quality Business Rules (P)
- Test and Validate Data Quality Requirements (D)
- Set and Evaluate Data Quality Service Levels (P)
- Continuously Measure and Monitor Data Quality (C)
- Manage Data Quality Issues (C)
- 10. Clean and Correct Data Quality Defects (O)
- 11. Design and Implement Operational DQM Procedures (D)
- 12. Monitor Operational DQM Procedures and Performance (C)

#### Participants:

- Data Quality Analysts
- Data Analysts
- Database Administrators
- · Data Stewards
- Other Data Professionals
- DRM Director
- · Data Stewardship Council

#### Tools:

- · Data Profiling Tools
- Statistical Analysis Tools
- Data Cleansing Tools
- Data Integration Tools
- · Issue and Event Management Tools



### Primary Deliverables:

- · Improved Quality Data
- Data Management Operational Analysis
- Data Profiles
- Data Quality Certification Reports
- · Data Quality Service Level Agreements

- Data Professionals
- Other IT Professionals
- · Knowledge Workers
- · Managers and Executives
- Customers

#### Metrics:

- · Data Value Statistics
- · Errors / Requirement Violations
- Conformance to Expectations
- · Conformance to Service Levels

Activities: (P) - Planning (C) - Control (D) - Development (O) - Operational

01/09/24, 17:02 Imagens DMBOKv1



#### DAMA INTERNACIONAL

2512 East Evergreen Blvd #1023 VANCOUVER, WA 98661-4323

INFO@DAMA.ORG (mailto:info@dama.org?subject=sent from dama website)

### Últimas notícias

Descubra a nova estrutura de governança da DAMA International e como ela impacta os membros (https://www.dama.org:443/articles/discover-the-new-governance-structure-at-dama-international-and-how-it-impacts-members)

Nomeações abertas em breve para presidente do Conselho Presidencial 2025-2027 (https://www.dama.org:443/articles/nominations-opening-soon-for-presidents-council-chair-2025-2027)

© 2024 DAMA INTERNATIONAL, INC. | POLÍTICA DE PRIVACIDADE (HTTPS://WWW.DAMA.ORG/CPAGES/PRIVACY-POLICY) | TERMOS DE USO (HTTPS://WWW.DAMA.ORG/CPAGES/TERMS-OF-USE)





(https://twitter.com/DAMA\_I) (https://www.facebook.com/DAMAInternational)



(https://www.linkedin.com/groups/56773/)