



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/>) .

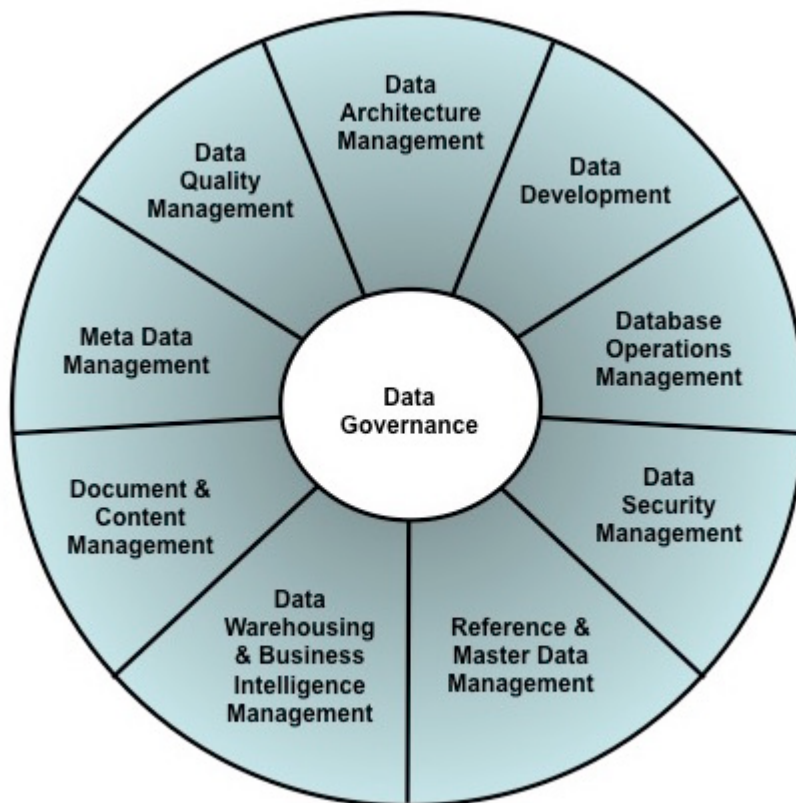
Você pode baixá-los e compartilhá-los com outras pessoas, desde que dê os créditos à DAMA International.

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



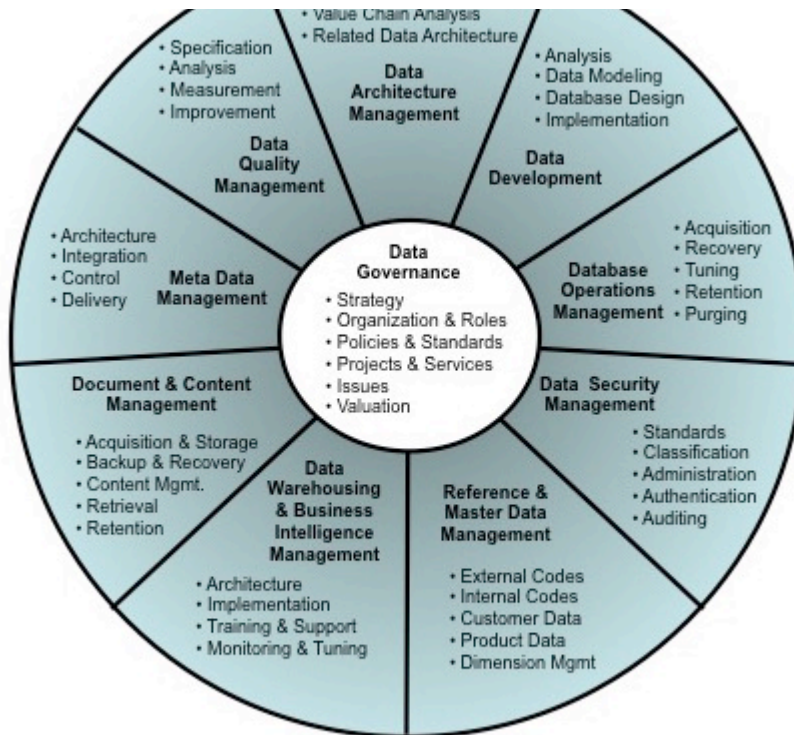
Estrutura

1. A "Roda"



Copyright © DAMA International

2. "Roda" expandida



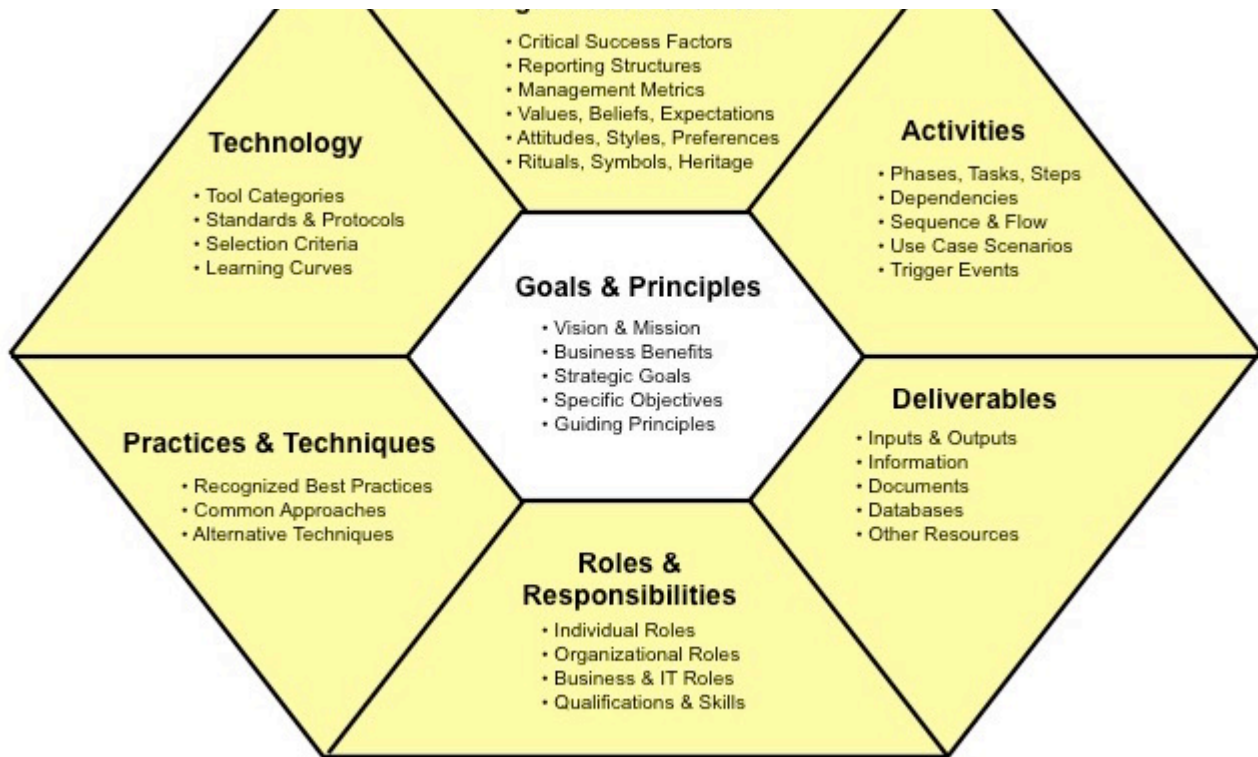
Copyright © DAMA International

3. Elementos ambientais



Copyright © DAMA International

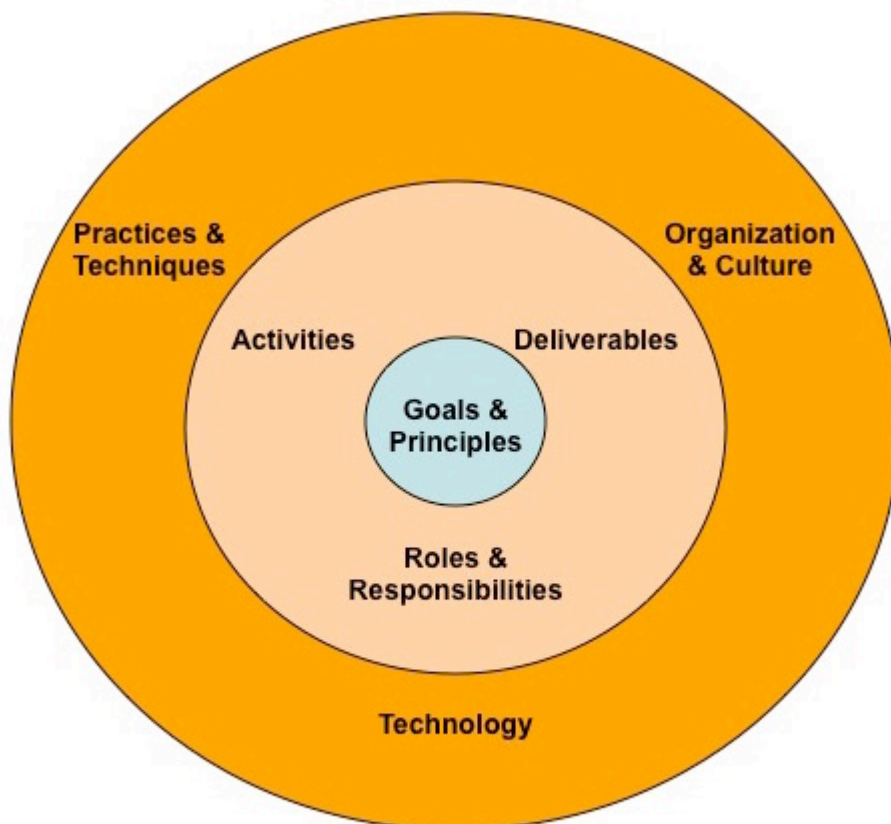
4. Elementos ambientais expandidos



Copyright © DAMA International

5.

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:

1. To understand the information needs of the enterprise and all its stakeholders.
2. To capture, store, protect, and ensure the integrity of data assets.
3. To continually improve the quality of data and information.
4. 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.



Copyright © DAMA International



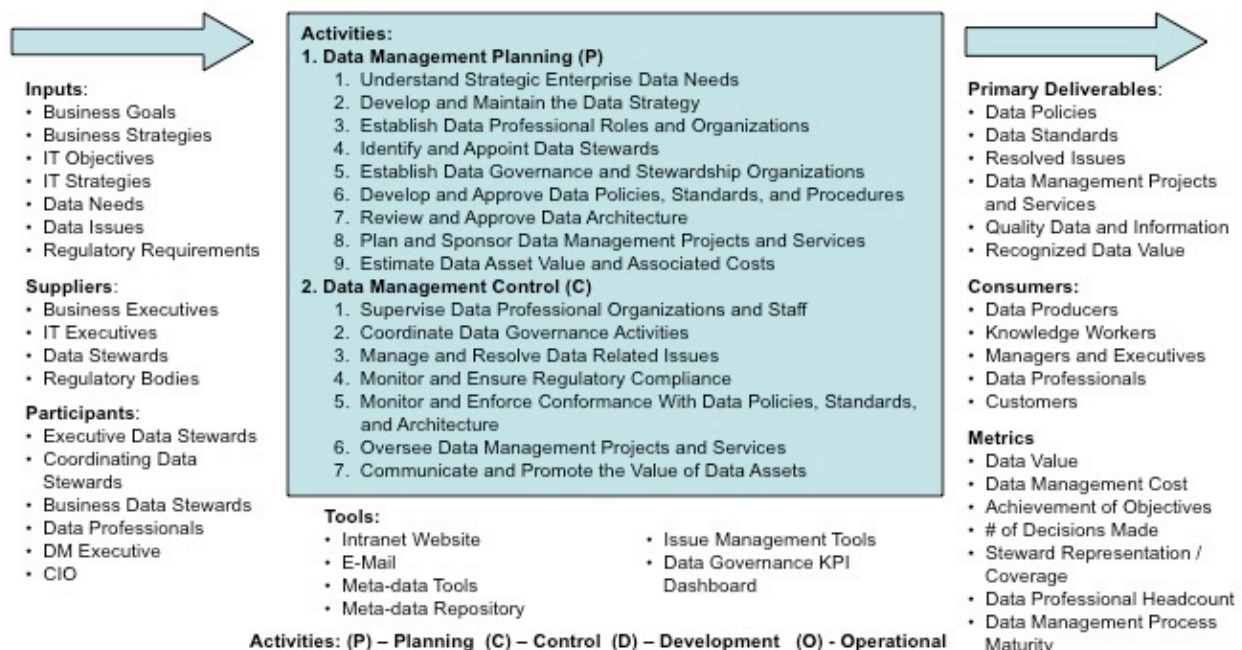
2. Governança de dados

1. Data Governance

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

Goals:

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



Copyright © DAMA International



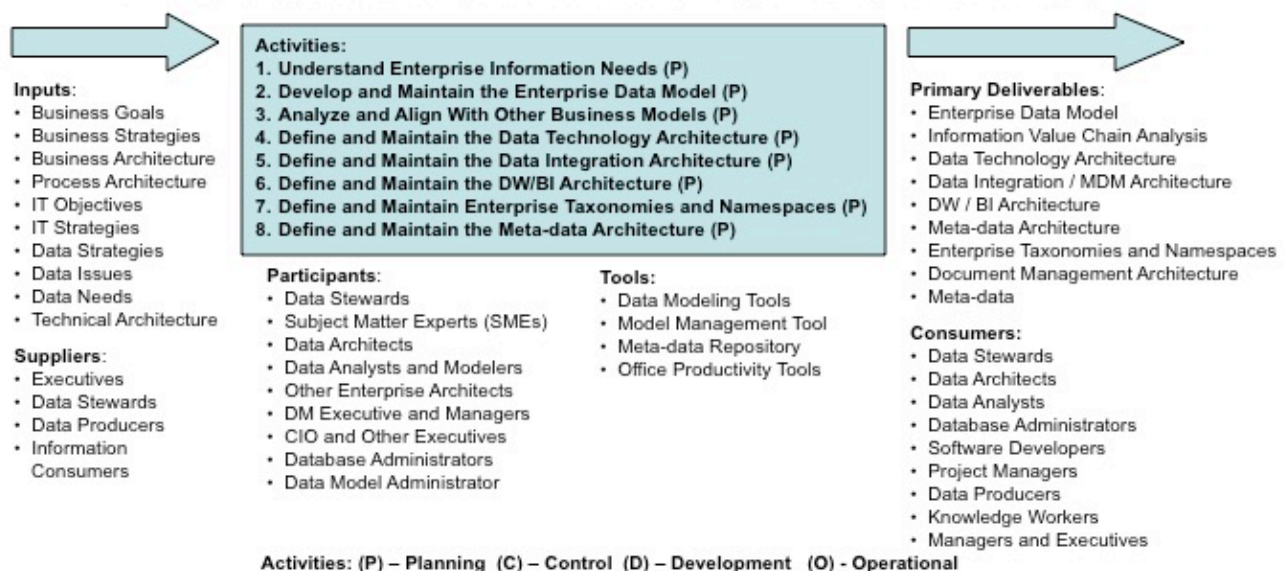
3. Arquitetura de Dados

2. Data Architecture Management

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

Goals:

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



Copyright © DAMA International



4. Desenvolvimento de Dados

3. Data Development

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

Goals:

1. Identify and define data requirements.
2. Design data structures and other solutions to these requirements.
3. Implement and maintain solution components that meet these requirements.
4. Ensure solution conformance to data architecture and standards as appropriate.
5. 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

Activities:

- 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)**
 1. 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

Tools:

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

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

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

Copyright © DAMA International



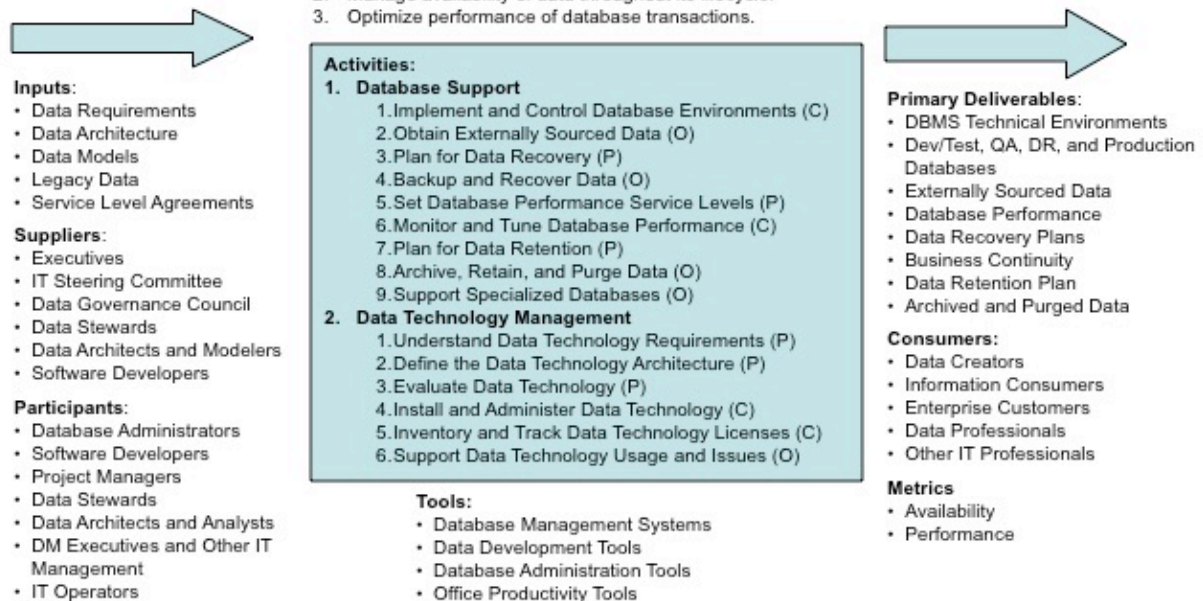
5. Operações de dados



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

Goals:

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



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

Copyright © DAMA International

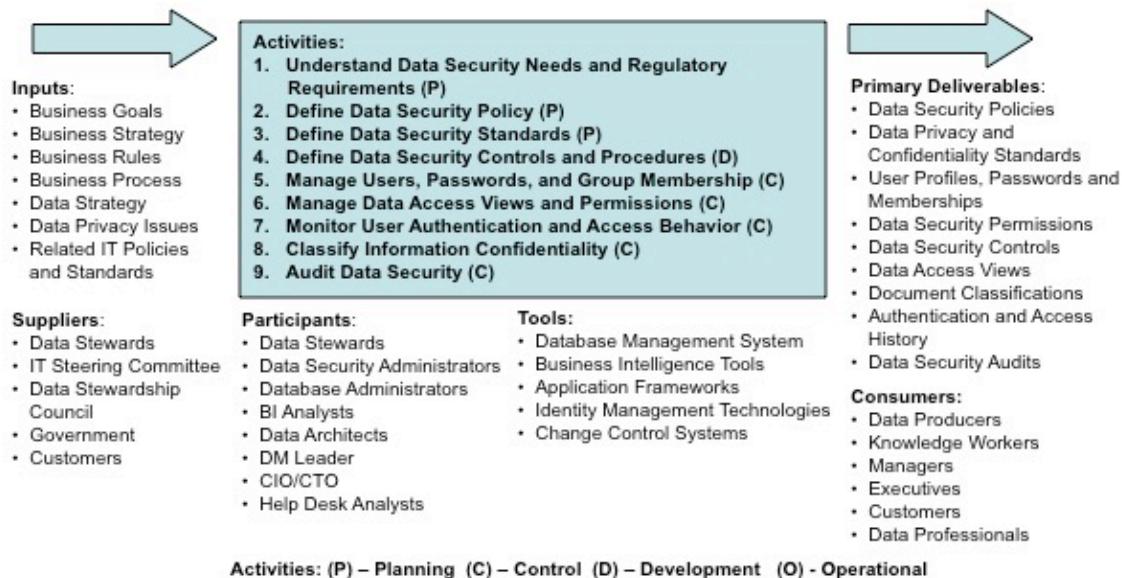
6. Gestão de Segurança de Dados



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

Goals:

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



Copyright © DAMA International

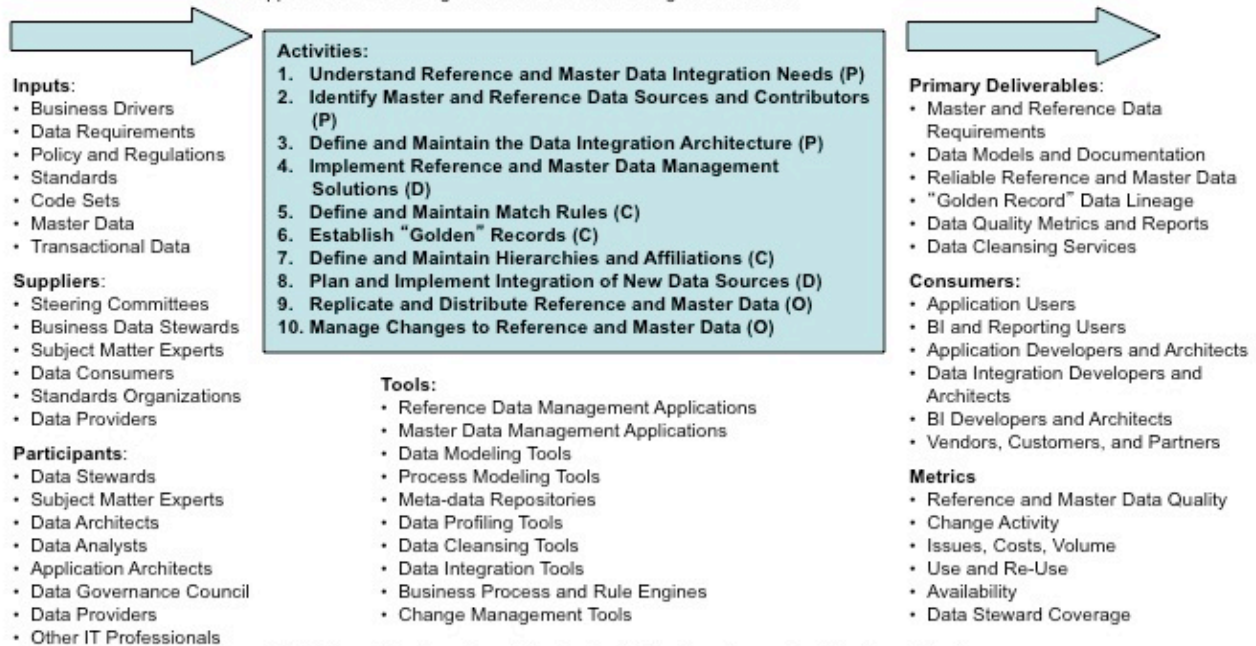
7. Gestão de Dados Mestres e de Referência



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

Goals:

1. 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.



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

Copyright © DAMA International

8. Data Warehousing e Gestão de Business Intelligence

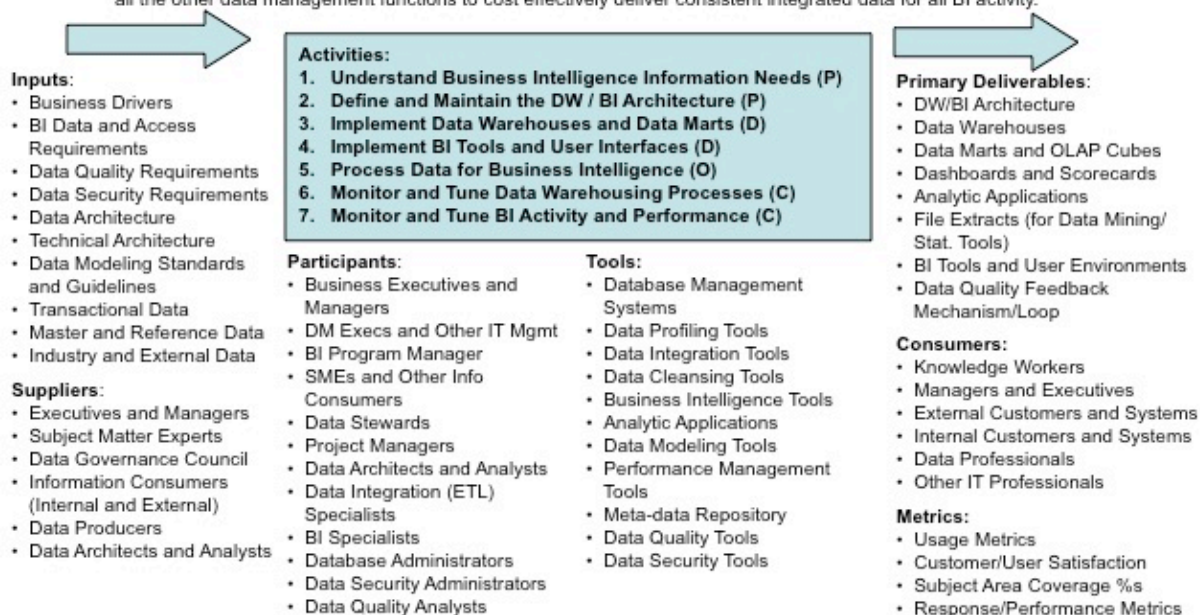
Business Intelligence Management



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

Goals:

1. To support and enable effective business analysis and decision making by knowledge workers.
2. 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.



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

Copyright © DAMA International



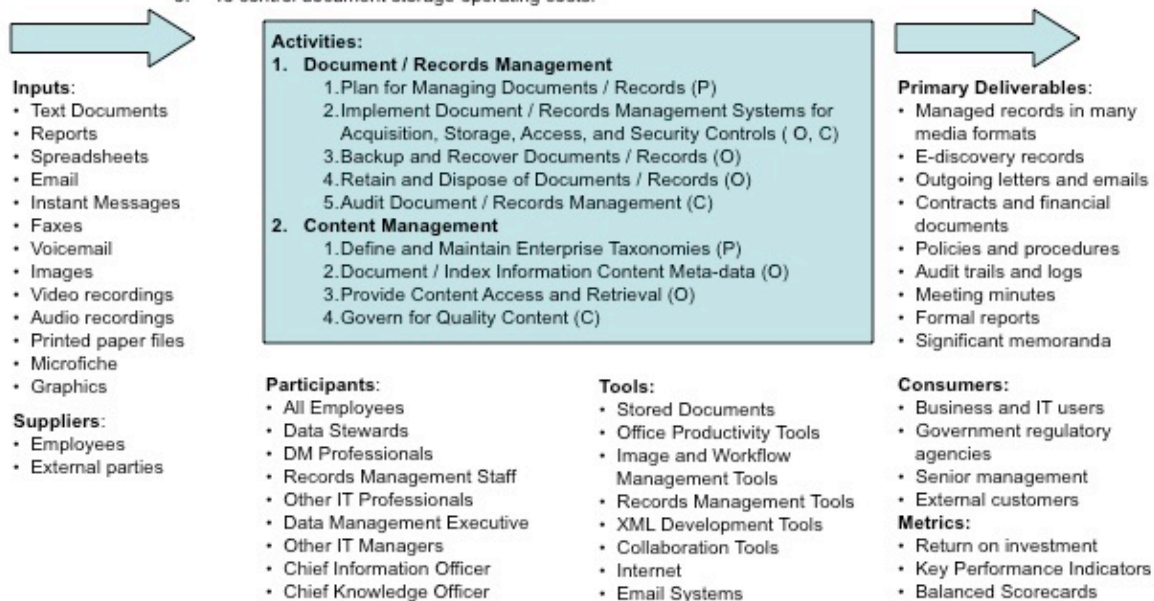
9. Gestão de Documentos e Conteúdo

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).

Goals:

1. 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.
3. To comply with legal obligations and customer expectations.
4. To ensure business continuity through retention, recovery, and conversion.
5. To control document storage operating costs.



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

Copyright © DAMA International



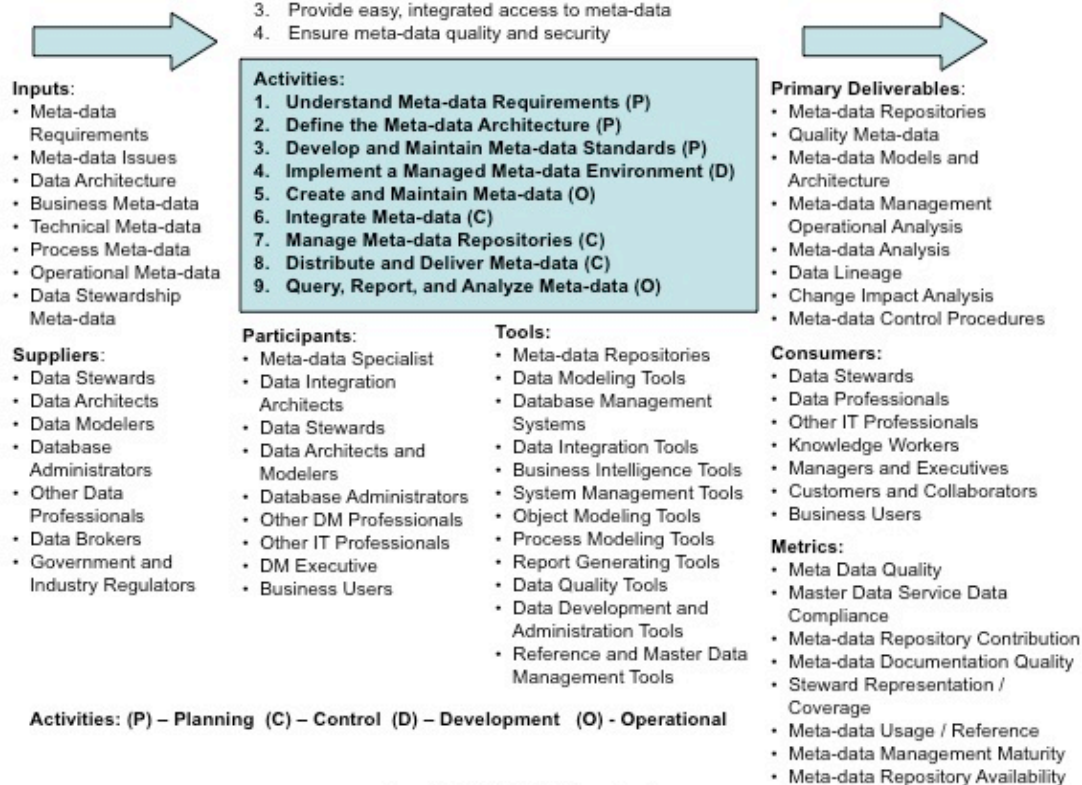
10. Gestão de Metadados

9. Meta-data Management

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

Goals:

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



Copyright © DAMA International



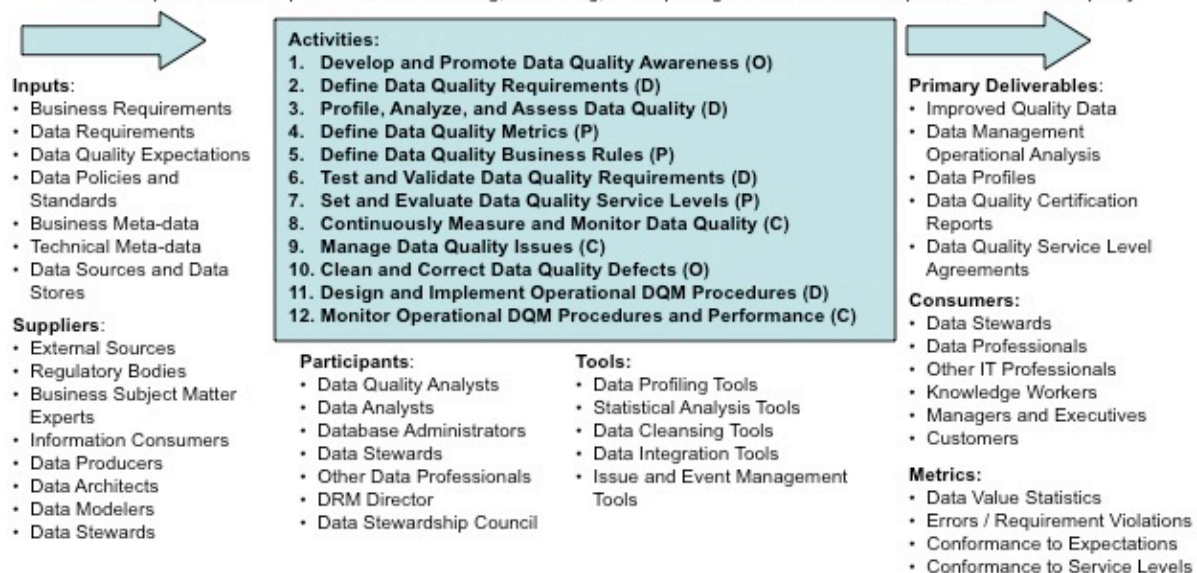
11. Gestão da Qualidade de Dados

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.



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

Copyright © DAMA International



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

[INFO@DAMA.ORG](mailto:info@dama.org) ([mailto:info@dama.org?subject=sent from dama website](mailto:info@dama.org?subject=sent%20from%20dama%20website))

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](https://www.dama.org/cpages/privacy-policy)) | TERMOS DE USO
([HTTPS://WWW.DAMA.ORG/CPAGES/TERMS-OF-USE](https://www.dama.org/cpages/terms-of-use))



(https://twitter.com/DAMA_I)



(<https://www.facebook.com/DAMAIInternational>)



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