

# Data Management Report (DMBOK2 Framework)

## Report Information:

Generated: 2025-08-07T08:46:29.912104

Period: Last 30 Days

Framework: DMBOK2 (Data Management Body of Knowledge)

## DMBOK2 Framework Analysis

### *Data Governance*

Score: 87.5% | Status: Good

#### Metrics:

- Policy Adherence: 92.3%
- Stewardship Coverage: 85.7%
- Compliance Score: 89.1%

#### Key Areas:

- Data Strategy Alignment
- Data Policy Management
- Data Stewardship Program
- Data Quality Governance

### *Data Architecture*

Score: 91.2% | Status: Excellent

#### Metrics:

- Architecture Maturity: 94.5%
- Integration Coverage: 88.9%
- Scalability Score: 93.1%

#### Key Areas:

- Data Modeling Standards
- Integration Architecture
- Data Flow Management
- Technology Stack Alignment

### *Data Modeling*

Score: 84.6% | Status: Good

#### Metrics:

- Model Consistency: 87.2%
- Documentation Quality: 82.1%
- Version Control: 89.3%

#### Key Areas:

- Conceptual Data Modeling
- Logical Data Modeling
- Physical Data Modeling
- Data Dictionary Management

### *Data Quality*

Score: 86.8% | Status: Good

#### Metrics:

- Completeness Score: 89.4%

- Accuracy Score: 84.7%
- Consistency Score: 88.2%
- Timeliness Score: 85.1%

**Key Areas:**

- Data Quality Assessment
- Quality Monitoring
- Issue Resolution
- Quality Metrics

***Data Security***

Score: 93.4% | Status: Excellent

**Metrics:**

- Access Control: 95.2%
- Encryption Coverage: 91.8%
- Audit Compliance: 94.7%

**Key Areas:**

- Data Classification
- Access Management
- Encryption Standards
- Audit and Monitoring

***Data Lifecycle***

Score: 79.3% | Status: Needs Improvement

**Metrics:**

- Retention Compliance: 82.5%
- Archival Efficiency: 76.8%
- Disposal Process: 81.2%

**Key Areas:**

- Data Retention Policies
- Archival Procedures
- Disposal Processes
- Lifecycle Automation

**SAP-Specific Data Quality Metrics**

***Equipment Master Data***

Overall Quality Score: 88.5%

- Completeness: 91.2%
- Accuracy: 86.7%
- Consistency: 89.3%

***Functional Locations***

Overall Quality Score: 85.9%

- Completeness: 88.1%
- Accuracy: 84.2%
- Consistency: 87.6%

***Maintenance Orders***

Overall Quality Score: 82.3%

- Completeness: 85.7%
- Accuracy: 80.1%
- Consistency: 83.8%

## **DMBOK2 Maturity Assessment**

- Overall Maturity: Level 3 (Defined)
- Governance Maturity: Level 3 (Defined)
- Architecture Maturity: Level 4 (Managed)
- Quality Maturity: Level 3 (Defined)
- Security Maturity: Level 4 (Managed)
- Lifecycle Maturity: Level 2 (Repeatable)

## **Recommendations**

1. Implement data lifecycle automation for improved retention compliance
2. Enhance data modeling documentation standards
3. Strengthen data stewardship program coverage
4. Optimize archival procedures for better efficiency
5. Expand data quality monitoring across all SAP modules