

Data quality management system

Definition

A data quality management system is a [management system](#) with regards to data quality.

Abbreviation

DQMS

Note

Objectives of a DQMS are 1) meeting the [data quality requirements](#) and 2) [data user satisfaction](#).

Relation

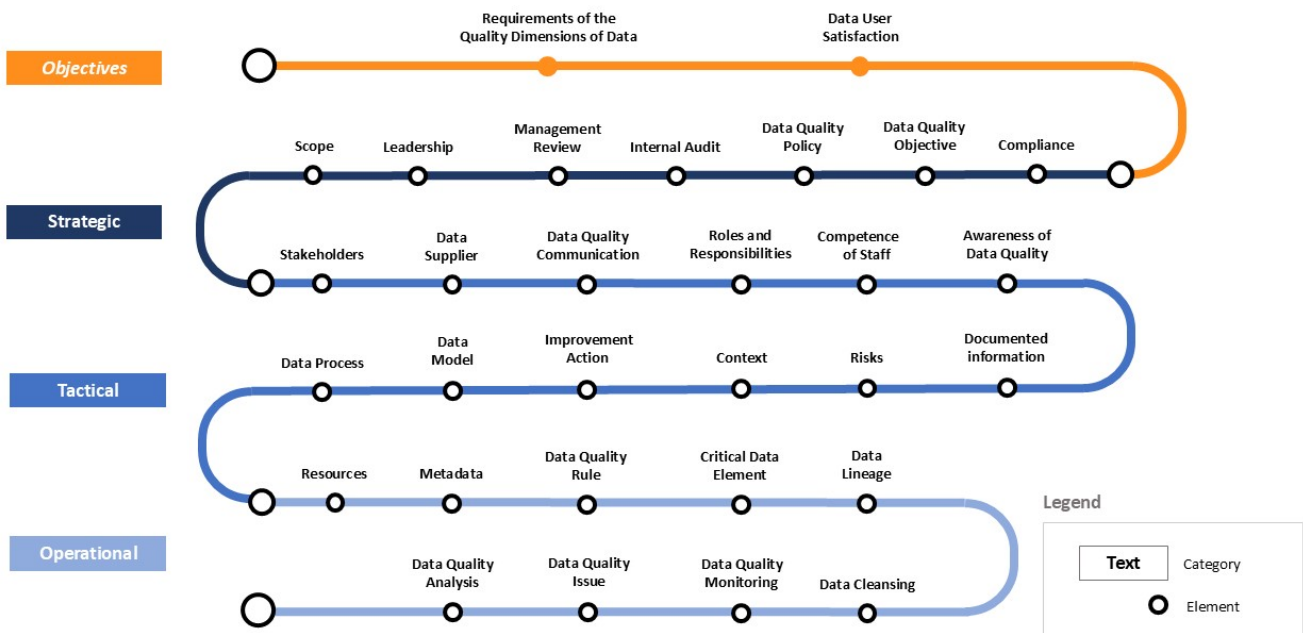
A DQMS consists of 25 elements. See also the diagram (metromodel) below.

| | | |
|--------------------------------|---------------------|--|
| Data quality management system | is child of | data management system |
| Data quality management system | is sister of | data utilization management system |
| Data quality management system | is sister of | data security management system |
| Data quality management system | consist of element | scope |
| Data quality management system | consist of element | awareness of data quality |
| Data quality management system | consists of element | competence of staff |
| Data quality management system | consists of element | context |
| Data quality management system | consists of element | data quality improvement action |
| Data quality management system | consists of element | critical data element |
| Data quality management system | consists of element | data model |
| Data quality management system | consists of element | data cleansing |
| Data quality management system | consists of element | data lineage |
| Data quality management system | consists of element | data process |
| Data quality management system | consists of element | data quality analysis |
| Data quality management system | consists of element | data quality communication |
| Data quality management system | consists of element | data issue |
| Data quality management system | consists of element | data quality monitoring |
| Data quality management system | consists of element | data quality objective |
| Data quality management system | consists of element | data quality policy |
| Data quality management system | consists of element | data quality requirement |
| Data quality management system | consists of element | data quality risk analysis |
| Data quality management system | consists of element | data quality rule |
| Data quality management system | consists of element | data supplier |
| Data quality management system | consists of element | data user satisfaction |

| | | |
|--------------------------------|---------------------|--|
| Data quality management system | consists of element | documented information |
| Data quality management system | consists of element | internal audit |
| Data quality management system | consists of element | leadership |
| Data quality management system | consists of element | management review |
| Data quality management system | consists of element | metadata |
| Data quality management system | consists of element | roles and responsibilities |
| Data quality management system | consists of element | stakeholder |
| Data quality management system | consists of element | resources |

Elements Data Quality Management System (DQMS)

'Metro Model'



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Lifecycle

- Plan DQMS
- Create DQMS
- Develop DQMS
- Establish DQMS
- Implement DQMS
- Apply DQMS
- Maintain DQMS
- Audit DQMS
- Certify DQMS
- Improve DQMS
- Abolish DQMS

Characteristics

- Effectiveness of a DQMS

- Efficiency of a DQMS

Implementation

The [OGSM-model](#) can be used to implement DQSM. Through this model, objectives, goals and strategies can be turned into actions.

Reference

Website DAMA-NL. [Data Quality Management System \(DQMS\)](#).

[All, DQMS](#)

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