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	consists 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	documened 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 analysis
Data quality management system	consists of element	resources

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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