Data utilitisation management system

Definition

A data utilisation management system is a management system with regard to utilisation of data.

Abbreviation

DUMS

Note

The objective of a data utility management system (DUMS) is increased social or economical profitability by:

- improved decision-making,
- better customer experience,
- enhanced operational efficiency, and
- mitigated risk.

Relations

A data utility management system consists of elements which each have a lifecycle that should be managed.

Data utility management system	is child of a	data management system
Data utility management system	is sister of	data quality management system
Data utility management system	is sister of	data security management system
Data utility management system	consists of	data utility objectives
Data utility management system	consists of	data utility policy
Data utility management system	consists of	data strategy
Data utility management system	consists of	data architecture
Data utility management system	consists of	data utility stakeholders
Data utility management system	consists of	data utility issues
Data utility management system	consists of	data utiliy risk analysis
Data utility management system	consists of	data utility requirements
Data utility management system	consists of	resources (IT, tooling, financial, staff)
Data utility management system	consists of	data competence (capabilities)
Data utility management system	consists of	data utility awareness (data literacy or data fluency)
Data utility management system	consists of	data utility communication (communication about data)
Data utility management system	consists of	data utility management roles
Data utility management system	consists of	data processes (internal and external)
Data utility management system	consists of	data contract

Data utility management system	consists of	metadata (incl. data model and data lineage)
Data utility management system	consists of	data user satisfaction
Data utility management system	consists of	data supplier
Data utility management system	consists of	DUMS continual improvement
Data utility management system	consists of	DUMS management review (data governance)
Data utility management system	consists of	DUMS internal audit
Data utility management system	consists of	Data utility management system|consists of |[[general_term/use_case|use cases

All elements of a DUMS have to be managed and have their own life cycle.

Characterics

- DUMS Maturity
- DUMS Effectiveness
- DUMS Efficiency
- DUMS Completeness
- DUMS Level of integration with other management systems
- DUMS Scope

Life cycle

- Plan DUMS
- Develop DUMS
- Execute DUMS
- Describe DUMS
- Extend DUMS
- Evaluate DUMS
- Audit DUMS
- Review DUMS by management
- Improve DUMS

All, DUMS

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