

# Data utilisation 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	<a href="#">data management system</a>
Data utility management system	is sister of	<a href="#">data quality management system</a>
Data utility management system	is sister of	<a href="#">data security management system</a>
Data utility management system	consists of	<a href="#">data utility objectives</a>
Data utility management system	consists of	<a href="#">data utility policy</a>
Data utility management system	consists of	<a href="#">data strategy</a>
Data utility management system	consists of	<a href="#">data architecture</a>
Data utility management system	consists of	<a href="#">data utility stakeholders</a>
Data utility management system	consists of	<a href="#">data utility issues</a>
Data utility management system	consists of	<a href="#">data utility risk analysis</a>
Data utility management system	consists of	<a href="#">data utility requirements</a>
Data utility management system	consists of	resources (IT, tooling, financial, staff)
Data utility management system	consists of	<a href="#">data competence (capabilities)</a>
Data utility management system	consists of	<a href="#">data utility awareness (data literacy or data fluency)</a>
Data utility management system	consists of	<a href="#">data utility communication</a> (communication about data)
Data utility management system	consists of	<a href="#">data utility management roles</a>
Data utility management system	consists of	<a href="#">data processes</a> (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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