

# Data utilization 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	<a href="#">data competence</a> ( <a href="#">capabilities</a> )
Data utility management system	consists of	<a href="#">data utility awareness</a> ( <a href="#">data literacy</a> or <a href="#">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	<a href="#">metadata</a> (incl. <a href="#">data model</a> and <a href="#">data lineage</a> )

Data utility management system	consists of	<a href="#">data user satisfaction</a>
Data utility management system	consists of	<a href="#">data supplier</a>
Data utility management system	consists of	<a href="#">DUMS continual improvement</a>
Data utility management system	consists of	<a href="#">DUMS management review (data governance)</a>
Data utility management system	consists of	<a href="#">DUMS internal audit</a>
Data utility management system	consists of	<a href="#">use cases</a>
Data utility management system	consists of	<a href="#">resources</a>

data\_quality\_management\_system/resources

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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Last update: 2024/07/05 15:25

