Data management

Definition

Data management is [management](#) with regard to [data](#).

Notes

Another definition of data management is: the development, execution, and supervision of plans, policies, programs, and practices that deliver, control, protect, and enhance the value of data and information assets throughout their lifecycles (DMBOK, 2017).

The term data management is an umbrella term for any activity that has to do with managing data as an asset.

Maturity of the data management industry

Relatively, the data management industry is quite young. The main practices and knowledge engineering has been happening in the last 1-2 decades.
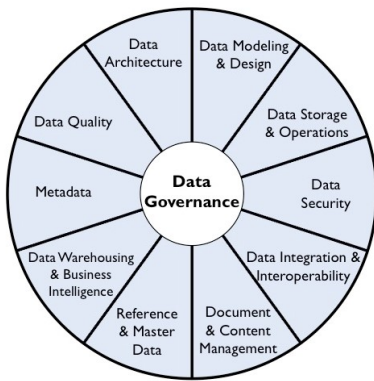
Data management aspires to attain:

- Maturity of the industry like accounting, medicine
- Globally recognised standards such as Project Managers have PMI and Prince and Service Managers have ITIL and ITIL certifications
- Common language – better quality methods and will improve ability to collaborate within the industry

Relations

Data management	consists of knowledge areas	[Data governance](#)
Data management	consists of knowledge areas	data modeling & design
Data management	consists of knowledge areas	data storage & operation
Data management	consists of knowledge areas	data security
Data management	consists of knowledge areas	data integration & interoperability
Data management	consists of knowledge areas	document & content management
Data management	consists of knowledge areas	[Reference](#) & [master data](#)
Data management	consists of knowledge areas	data warehousing & business intelligence
Data management	consists of knowledge areas	[Metadata](#)
Data management	consists of knowledge areas	[Data quality](#)
Data management	consists of knowledge areas	data architecture

According to DAMA International:

References

- DAMA-DMBOK (2017). Data management body of knowledge.
- CMDP. About Data management aspirations.. Retrieved 2023/03/01.

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