

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.

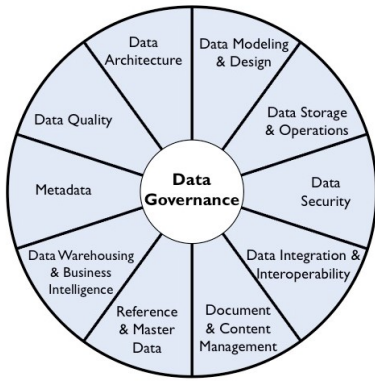
Data management aspires to attain:

- 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 | is supertype of | data management system |
| 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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