



Keywords



Data sharing, security, and privacy



Quality, governance, and risk management



Data systems / networks



Data Storage



Data Policy



Data Collection



Data Management Body of Knowledge

Data Manager

Data Managers support organisations with the sourcing, acquisition, management, integration and sharing of data to provide business insights and drive data-based decision making.

Data Managers carry out a combination of different functions that collectively aim to make sure that the data in corporate systems is accurate, available and accessible. They work to increase the visibility and interrogability of an organisation's data assets, optimise the use of data within the bounds of policy and regulation, ensure reliable data is accessible and aligns with established guidelines and can be used in scalable and repeatable processes.

Data Managers create, curate, access and update data from multiple sources, ensuring it is stored in an appropriate manner. They ensure data can be used by other data professionals in a way that balances business need with security and privacy standards, including appropriated archiving and destroying data as required.

Data managers support the delivery and implementation of enterprise data management activities, oversee the data quality control process, and record management including archiving and curation. The role informs data policy development, which supports governance.



Key Technologies

Data Storage (e.g. Data Warehouse, Data Lake)

Open Source Data Management

Meta-Data Management

Data Catalogue and Lineage

Data Profiling and Quality tools

Data Asset Register

Data Portals

Data Architecture

Specialisation Roles

Data Quality Analyst

Data Policy

Data Standards Manager

Data Governance / Ethics

Meta-Data Manager

Data Maturity Assessor

Key Relationships



Clients / Users



IT Professionals



Data Professionals

Data Manager



Level 1 | Foundation

- Manage and govern data assets
- Assist with the planning, acquisition, storing, organising, destroying and archiving of all data
- Utilise existing processes to support data quality and assist with resolving data issues
- Establish networks to drive domain improvements in data management and support data across the data lifecycle
- Understand regulations, policies and guidelines that are integral to good data management practices.
- Collaborate with other data professionals to support process improvements
- Understand business process analysis and mapping and employ techniques to identify inefficiencies and improve processes

APS DCF

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1	USE
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SFIA

3	DTAN
3	QUMG
4	IRMG
3	DBDS
4	DATM
3	STMG

Level 2 | Intermediate

- Manage and govern large, sensitive and high value data assets
- Manage the planning, acquisition, storing, organising, destroying and archiving of all data
- Maintain and improve processes to support data quality and resolve data issues.
- Drive informed organisational/domain improvements in data management and support data across the data lifecycle
- Understand and comply with regulations, policies and guidelines that are integral to good data management practices
- Collaborate with other data professionals and business stakeholders to identify process improvements, recommend system modifications, and apply data governance and data quality frameworks
- Lead a team to analyse and map business processes, identifying inefficiencies and solutions that enable transition to improved end-to-end business processes.
- Coach and train less experienced data managers

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5	BPRE

Level 3 | Advanced

- Manage and govern multiple large, sensitive and high value data assets
- Lead the planning, acquisition, storing, organising, destroying and archiving of all data
- Optimise processes, encourage consistency across business areas, champion data quality and resolve complex data issues
- Establish broad networks to drive informed, comprehensive and effective organisational/domain improvements in data management and support data across the data lifecycle
- Influence, shape and comply with regulations, policies and guidelines that are integral to good data management practices
- Collaborate with other data professionals, business stakeholders, and IT specialists to drive system and process changes that enable the organisation to realise strategic goals or deliver significant operational outcomes
- Lead enterprise wide analysis and review of technology, systems and processes to achieve strategic priorities
- Coach and train other data managers, and contribute at whole of agency level to developing Data Management capability

APS DCF

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6	BPRE