



Data Project Manager

Data Project Managers are responsible for coordinating and planning the management of data-driven projects within an organisation.

At a glance



Project Management



Project Methodologies (e.g. Agile)



Data Methodologies & Frameworks



Data Lifecycle



Multi-disciplinary Teams



Data Reporting



Quality, governance, and risk management

Data Project Managers operate at the intersection of data, technology, and project management ensuring project governance throughout the project to meet the needs of the enterprise. Data Project Managers work across business areas to understand business needs, data concepts and domains to support decision making, and leverage data to ensure organisational objectives are met. They may manage data and analytics projects.

Data Project Managers engage with technical areas across the organisation, including specialised approval committees (such as gates of approval, security to operate, design authority), data/systems architecture teams, and release train units specific to the data involved in the project. These projects can take on various forms and may include creating and deploying artificial intelligence models, reorganising data pipelines to streamline and optimise data processing operations or modernising decision-making processes in organisations by providing the right data.

They collaborate with cross-functional teams to define project objectives, selecting and utilising an appropriate project management methodology to oversee a project. They monitor and report on project progress, and evaluate and review project success, reporting to technical and non-technical stakeholders.

Standards & Technologies

Project Management Software

Potential Domain Interactions

Research

Information Technology / Digital

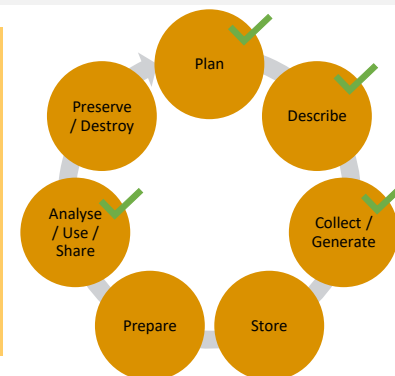
Data Management

Data Architecture

Strategic Architecture

Data Lifecycle

Green ticks indicate where this persona may have key interactions across the data lifecycle



Data Project Manager

Level 1 | Foundation

Contribute to the development of data project and work plans that outline scope, timelines, resources, and deliverables, and establish clear project priorities, goals, and success criteria.

Support engagement with relevant stakeholders, translating information to technical and non-technical areas and understanding business processes required to meet project objectives.

Contribute to data projects and the design and documentation of data project management related processes.

Identify and navigate relevant datasets needed for general reporting purposes.

Understand the principles and practices of data management (such as data lifecycle, data quality, data governance, data security, and data ethics) in the context of project management and ensure data management complies with the relevant regulations and legislation.

Understand contemporary project management methodologies and frameworks as they specifically apply to data projects and components.

Understand datasets / data architecture limitations and adapt project management practices to meet project objectives.

Collaborate with other data professionals and relevant stakeholders to support process improvements.

Level 2 | Intermediate

Develop data project and work plans that outline objectives, scope, timelines, resources, and deliverables, and establish clear project priorities, goals, and success criteria.

Drive engagement with relevant stakeholders, translating information to technical and non-technical audiences and implementing business processes required to meet project objectives.

Manage, plan, and lead data projects and the design and documentation of project management related processes, including governance, risk, assurance, and external review requirements.

Navigate and analyse relevant datasets needed for reporting purposes.

Follow the principles and practices of data management (such as data lifecycle, data quality, data governance, data security, and data ethics) to ensure that the data used and produced is accurate, reliable, secure, and ethical and ensure data management complies with the relevant regulations and legislation.

Provide knowledge and advice on contemporary project management methodologies, frameworks, and delivery methods as they specifically apply to data projects and components.

Understand and communicate advanced datasets / data architecture limitations and adapt project management practices to meet project objectives.

Collaborate with other data professionals and business stakeholders to identify process improvements, recommend system modifications, and apply data governance and data quality frameworks.

Level 3 | Advanced

Develop complex data project and work plans that outline objectives, scope, timelines, resources, and deliverables, and establish clear project priorities, goals, and success criteria.

Lead engagement with relevant stakeholders, presenting to wide audiences and forums, translating information to technical and non-technical areas across the APS, and influencing, establishing, and implementing business processes.

Initiate, manage, plan, and lead major, complex data projects and the design and development of project management related processes, including governance, risk, assurance, and external review requirements.

Analyse and provide insights from relevant datasets and reports.

Promote principles and practices of data management (such as data lifecycle, data quality, data governance, data security, and data ethics) to ensure that the data they use and produce is accurate, reliable, secure, and ethical and ensure data management complies with the relevant regulations and legislation.

Share technical expertise and advice on contemporary project management methodologies, frameworks, and delivery methods as they specifically apply to data projects and components.

Understand, communicate, and analyse complex datasets / data architecture limitations and adapt project management practices to meet project objectives.

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.

APS DCF

1 VAL	1 IMP
1 COM	1 MTH
1 GOV	1 SRC
1 VIS	1 MGT

SFIA

4 PRMG	3 BUSA	3 KNOW
4 QUMG	4 RLMT	3 METL
4 PROF	4 FMIT	3 CIPM

APS DCF

2 VAL	2 IMP
2 COM	2 MTH
2 GOV	2 SRC
2 VIS	2 MGT

SFIA

5 PRMG	4 BUSA	4 KNOW
5 QUMG	5 RLMT	4 METL
4 PROF	4 FMIT	4 CIPM
5 POMG	6 PGMG	5 BENM
5 DEMM		

APS DCF

3 VAL	3 IMP
3 COM	3 MTH
3 GOV	3 SRC
3 MGT	3 VIS

SFIA

6 PRMG	5 BUSA	5 KNOW
6 QUMG	6 RLMT	5 METL
5 PROF	5 FMIT	4 CIPM
6 POMG	7 PGMG	6 BENM
6 DEMM		

Select the boxes for more information.

APS DCF = Australian Public Service Data Capability Framework SFIA = Skills Framework for the Information Age