
Overview

This sub-discipline Data Management (801) is concerned with the competencies required to manage data within an organisation with a view to ensuring its availability for detailed analysis and business insights, enhancing the performance of the business. This involves undertaking tasks that control, protect, deliver and enhance the value of data, providing a robust data environment and data structures to align with organisational strategy.

Working in the senior professional role (8015) is primarily focussed on creating and managing the optimal data environment and data structures to align with organisational strategy.

Performance criteria

You must be able to:

1. design, develop and optimise the data management infrastructures to support data analysis and reporting
2. implement the data governance strategy and associated data management framework, policies, processes and procedures to support data analysis in line with organisational standards
3. perform root cause analysis on actions that degrade data quality in line with organisational procedures
4. drive improvement throughout the process chain as appropriate
5. develop standard operating procedures for data handling and archiving in line with organisational procedures
6. train team members to be proficient in a range of data management tools in line with organisational standards
7. design and implement data marts to support analytics to deliver operational and strategic analysis
8. establish and communicate appropriate organisational data requirements across the organisation
9. interpret changing data requirements to continually optimise the data environment in line with organisational procedures
10. make recommendations on how data management architecture could be improved
11. implement any approved recommendations as required within the data management team

Knowledge and understanding

You need to know and understand:

1. the impact that data management has on organisational internal and external service offerings
2. how to develop data management infrastructures
3. how to perform root cause analysis on data quality incidents
4. how to optimise the data environment
5. the need to monitor and report data quality on a timely basis
6. how to implement data quality improvement programmes
7. how to design and develop data marts
8. the range of current data management tools, techniques and methodologies, their strengths and weaknesses
9. how to communicate organisational data requirements
10. how to maintain own knowledge of forthcoming developments

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