

Development and implementation: Systems development; Data modelling and design DTAN

Description

The development of models to represent and communicate data requirements and to enable organisations to understand their data assets and the relationships between real-world entities. The investigation, analysis and scoping of data requirements to support the development of software systems, data integration and data retrieval activities. The iteration, review and maintenance of data requirements and data models.

Level 5

Sets standards for data modelling and design tools and techniques, advises on their application, and ensures compliance. Manages the investigation of corporate data requirements, and co-ordinates the application of data analysis, design and modelling techniques, based upon a detailed understanding of the corporate information requirements, in order to establish, modify or maintain data structures and their associated components (entity descriptions, relationship descriptions, attribute definitions). Manages the iteration, review and maintenance of data requirements and data models.

Level 4

Investigates corporate data requirements, and applies data analysis, design, modelling, and quality assurance techniques, to establish, modify or maintain data structures and their associated components (entity descriptions, relationship descriptions, attribute definitions). Provides advice and guidance to database designers and others using the data structures and associated components.

Level 3

Applies data analysis, design, modelling, and quality assurance techniques, based upon a detailed understanding of business processes, to establish, modify or maintain data structures and associated components (entity descriptions, relationship descriptions, attribute definitions). Advises database designers and other application development team members on the details of data structures and associated components.

Level 2

Applies data analysis, design, and modelling techniques to establish, modify or maintain a data structure and its associated components (entity descriptions, relationship descriptions, attribute definitions).