

DAMA DMBOK Data Modelling Specialist

Duration: 1 Day Course Code: CDMP-DMD

Overview:

This 1-day DAMA DMBOK Data Management Specialist course addresses all disciplines as identified Data Modeling specialist exam by the international standard, DAMA Body of Knowledge (DMBOK2) and is aimed to individuals interested in developing concrete professionalism in the field of Data Management with a specialisation in Data Modelling And Design

This course provides a solid foundation of the different information disciplines across the complete Data Modeling, Data Management spectrum and introduces students to the different levels of Industry professional certification the DAMA Certified Data Modelling And Design Professional (CDMP).

The data modeling specialist course explores different data modeling methodologies. It helps understand how to select, implement, and interpret suitable statistical analyses and designs for practical data scenarios and problems. In addition, it explores various features of data modeling including Data Models, Data Implementation, Design Quality Management, Data Designs, Modeling Styles, and System Development Lifecycle among others.

Target Audience:

Business Intelligence & Data Warehouse developers & architects Data Modellers Developers Data & Enterprise Architects Data Analysts Solution Architects Application Architects Information Architects Business Analysts Database Administrators Project / Programme Managers IT Consultants Data Governance Managers Data Quality Managers Information Quality Practitioners

Objectives:

- To help understand data modeling methodologies.
- To help comprehend how statistical designs and analyses work.
- To help teach the application of data models.
- To help comprehend different data model styles.
- To explain how different data designs and models may be utilized for business problems and scenarios.
- To explain how System Development Lifecycle works.

Prerequisites:

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Testing and Certification

Attending this course will give the learners a solid preparation to sustain the following specialist certification exam:

■ DAMA Certified Data Modelling And Design Professional (CDMP)

This exam is not included in the course price and can be booked in addition to the course.

Additional requirements for the CDMP - Practitioner :

- 70% pass in CDMP-Data Management Fundamentals exam
- and 70% pass in 2 specialist exams

Follow-on-Courses:

- CDMP-DMF - DAMA DMBOK Data Management Fundamentals

Content:

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| ■ Database Design and Data Modeling | ■ Logical Data Models | ■ Benefits and Drawbacks of Natural versus Surrogate Keys |
| ■ CDMP Breakdown | ■ Conceptual Data Models | ■ Data Model and Process Relationships |
| ■ Explanation of Data Design and Modeling | ■ Subject Area Models | ■ Components of a Logical Data Model |
| ■ Comprehension of SDLC and Lifecycle | ■ Independent and Dependent Entities | ■ Normalization Rules |
| ■ Understanding the Development of Data | ■ Significance of Comprehending Entities | ■ Normalization Approaches |
| ■ Explanation of a Data Model | ■ Types of Relationships | ■ Normalization Definition |
| ■ Representations of Data Models | ■ Recursive Relationships | ■ Principles of Database Design |
| ■ Significance of Data Modeling | ■ Many to Many Relationships | ■ Best Practices of a Physical Database Design |
| ■ Reasons for the Production of a Data Model | ■ Entity Subtypes | ■ Comprehension of Partitioning |
| ■ Data Model Levels | ■ Role Name Usage | ■ Transformation of Logical to Physical Data Model |
| ■ Symbols of Entity Relationships | ■ Physical and Conceptual Terms | ■ ACID Test |
| ■ Notations and Cardinality | ■ Primary Keys | ■ Classification of Modeling Tools |
| ■ Enterprise Data Model | ■ Entity Keys | ■ The Alternative to ACID |
| ■ Physical Data Model | ■ Alternate Keys | |

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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