

Data Quality Management Specialist Exam By DAMA (1 Day)

Master the art of Data Quality and elevate your expertise!

Course Overview

In today's data-driven world, ensuring data accuracy, consistency, and reliability is more critical than ever. This 1-day intensive DAMA DMBOK Data Management Specialist course is designed to equip professionals with the essential skills required to become a Data Quality (DQ) Specialist.

Built on the internationally recognized DAMA Body of Knowledge (DMBOK2), this course provides a comprehensive foundation for professionals who aim to enhance their data management expertise with a specialization in Data Quality.

Participants will gain a deep understanding of Data Quality principles, frameworks, and methodologies essential for effective data profiling, cleansing, deduplication, and standardization. By the end of the course, you'll be ready to establish robust data quality processes, metrics, and governance frameworks within your organization.

Prerequisites

To get the best learning experience, it is highly recommended that participants have a foundational understanding of Data Management Fundamentals (CDMP-DMF) before enrolling.

Course Structure & Topics Covered

1. Introduction to Data Management & Data Quality

- What is Data Management?
- Data Management Goals & Strategy
- DAMA International and DMBOK Framework
- Understanding Data and its Lifecycle
- Common Data Management Challenges

2. Fundamentals of Data Quality Management

- What is Data Quality? Essential concepts & key drivers
- Data Quality Dimensions: Accuracy, Completeness, Consistency, Timeliness, and more
- The Data Quality Improvement Lifecycle
- Identifying & mitigating common causes of Data Quality issues

- Business rules for maintaining high-quality data

3. Data Quality Activities & Techniques

- Defining high-quality data and critical data elements
- Developing a Data Quality Strategy
- Identifying business rules and critical data
- Performing Data Quality Assessments
- Data Cleansing & Transformation techniques
- Data Profiling, Parsing, and Deduplication

4. Tools & Technologies for Data Quality

- ETL & Data Modeling tools
- Metadata repositories for data quality management
- Root Cause Analysis & Statistical Process Control techniques

5. Implementation & Governance of Data Quality

- Readiness & Risk Assessments before DQ implementation
- Establishing Data Governance Policies & Roles
- Measuring and monitoring Data Quality Metrics
- Organizational change management for sustained data quality improvement

Target Audience

This course is ideal for professionals looking to develop expertise in Data Quality. It is particularly beneficial for:

- ✓ **Analytics & IT Managers**
- ✓ **Data Quality Professionals**
- ✓ **Data Engineers & Scientists**
- ✓ **Database Administrators & Data Modelers**
- ✓ **Business Analysts & Solution Architects**
- ✓ **Enterprise & Information Architects**
- ✓ **Project Managers & IT Consultants**
- ✓ **Data Governance & Data Quality Managers**

If you work with data and want to ensure its accuracy, reliability, and usability, this course is for you!

Key Benefits of the Course

- ✓ **Gain a solid foundation in Data Quality Management**
- ✓ **Earn DAMA-certified Data Quality Specialist credentials**
- ✓ **Learn industry best practices and terminology for data quality**
- ✓ **Understand how Data Quality connects with other DAMA knowledge areas**
- ✓ **Improve your ability to detect, prevent, and resolve data quality issues**