

# DAMA Data Management: Governance & Data Quality

Learn to apply DAMA data management practices, from governance and data quality to architecture, security and integration.

**5 Days**

DURATION

**5**

MODULES

**29**

TOPICS

## COURSE OVERVIEW

This course examines the data management process and the scope of the DAMA International framework, along with data governance, data ethics and compliance, and data quality management. It then covers data warehousing, business intelligence, big data, data modelling and metadata management, followed by data architecture, lifecycle management and data security management. It concludes with data storage and operations management, data technology management, and data integration and interoperability practices.

## WHO THIS COURSE IS FOR

Data Managers

Data Governance Specialists

Data Quality Analysts

Data Architects

Database Administrators

Business Intelligence Professionals

## LEARNING OBJECTIVES

- Explain the purpose and scope of the DAMA Data Management framework
- Describe the role of data governance in data management
- Identify key data quality areas, policies and procedures
- Explain data warehousing, business intelligence and big data concepts
- Apply data modelling and metadata management principles
- Assess data architecture, lifecycle and security management practices
- Evaluate risk assessment and monitoring for data security
- Plan data storage, operations and data integration approaches

# 5 Modules, 29 Topics

**DAY 1****The Data Management Process, and Overview of the Certification****01****TOPICS**

- Overview of the certificate and its exam
- Data management as a discipline
- The purpose and scope of the DAMA International Data Management
- Data Management drivers, benefits, and potential pitfalls
- Enterprise Data Management Framework
- Data Management Function

**DAY 2****Data Governance & Data Quality Management****02****TOPICS**

- The role of the Data Governance in successful Data Management
- Key topic of Data Ethics & Compliance
- Understand the various Data Quality areas
- Explore Data Quality policies and procedures
- Linking Data Quality with other data disciplines
- The major components to leverage reference and master data

**DAY 3****Data Warehouse, BI, Modeling & Metadata Management****03****TOPICS**

- Concept of Data warehousing & Business Intelligence (BI) management
- Types of data warehouse and BI platforms
- The fundamentals of Big Data
- Features of Data Modeling
- The differences between data and metadata usage, and implementation of metadata

**04****TOPICS**

- The important types of architectures and proactive planning
- The data value chain
- Differences between lifecycles and systems development
- The key goals of Data Security Management
- Risk assessment & monitoring, of Data Security Management
- Effective Document and Content Management

**05****TOPICS**

- The effective Data Storage's components and Operations Management
- Data Technology Management
- Roles and responsibilities
- Data, I&I practices, and the best solutions
- Data interchange & data replication
- Aligning within Data Governance and expanded Data Management activities

#### WHAT IS INCLUDED

## Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

#### ABOUT KOENIG

## Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

#### FLEXIBLE DELIVERY

## Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

## Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

Visit [koenig-solutions.com](https://koenig-solutions.com)

✉ [info@koenig-solutions.com](mailto:info@koenig-solutions.com)