DAY 1

The Data Management Process, and Overview of the Certification

- 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

- 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

- 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

DAY 4

Data Architecture and Lifecycle Management, Data Security Management

- 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

DAY 5

Data Storage and Operations Management & Data Integration and Interoperability

- 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