Updated on 14/05/2024

Sign up

Metadata management training
1 day (7 hours)

Presentation

Metadata provides information for understanding data such as images, concepts and real-world entities. Our Metadata Management course will enable you to design data analysis strategies to implement metadata repositories.

You'll explore features such as metadata repositories, metadata repositories, the transition from data to knowledge and regulatory implications.

During this course, we'll cover advanced concepts such as endpoint management systems, enterprise architecture tools, database model management and information security.

By developing an in-depth understanding of metadata management, you'll acquire essential skills in data management, effective information systems design and regulatory compliance that will enhance your professional capabilities.

Objectives

- Understand the role of metadata in data, information and knowledge management
- Master access point and asset management tools and systems
- Identify the functionalities and importance of metadata repositories

Target audience

- IT professionals
- Architects

- Data managers

Prerequisites

- Basic understanding of data management concepts
- Information systems and IT security
- Previous experience in data management or IT

PROGRAM OF OUR DATAData management

INTRODUCTION

- Definition and importance of data management in the modern enterprise
- Overview of data types: structured, semi-structured and unstructured
- Fundamentals of data management and the data lifecycle
- Introduction to database management systems and metadata repositories
- Common data management challenges and how to overcome them

MANAGEMENT OF METADATA REPOSITORIES

- Understanding metadata and its essential role in data management
- Exploring the different types of metadata repositories and their use in various IT contexts
- Coordination and non-harmonization of metadata repositories for efficient management
- Analysis of the ability of metadata repositories to meet regulatory and operational requirements
- Case study: setting up and using a metadata repository in a company

TOOLS AND STRATEGIES

- Overview of modern data management tools: from ETL to advanced analysis platforms
- Real-time data management and its impact on business decisions
- Data security strategies: from cryptography to digital rights management systems
- Importance of data quality and methods for improving it
- Practical workshop: setting up a data catalog and integrating with existing systems
- The different management systems
  - RIMS
  - SGSI
- General Data Protection Regulation (GDPR)
- Business process management software (BRMS)

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.