Master Data Management: Data governance

Overview course of 2 days - 14h
Ref.: CYE - Price 2024: €1 950 (excl. taxes)

EDUCATIONAL OBJECTIVES
At the end of the training, the trainee will be able to:

Understand the strategic role of data management for the company

Understand the principles of data architecture

Set up a governance method.

Integrate master data management into the approach

Know how to identify MDM players and their positioning.

THE PROGRAMME

last updated: 07/2021

1) Introduction
- Data strategy challenges for businesses.
- Defining the notions "Data" and "Information".
- Different data categories for a company.
- Different data usage formats.
Storyboarding workshops. : Discussions on the strategic role of data for a business.

2) Data governance
- Definition of data governance. Tactical and strategic challenges.
- Overview of the DAMA "Body of Knowledge".
- Players and new professions in data management.
- Measurement tools for evaluating the maturity of a company's data.
- The main principles of the data governance approach.
- State-of-the-art reference tools.
Storyboarding workshops. : Ranking governance actions defined in DMBoK. Defining the data governance action plan based on a case study.

3) Master data management
- Positioning of master data management in the company's information system.
- The essential steps of the master data management approach.
- Overview of master data management architecture types.
- Designing and administering master data.
- Summary of best practices.
- The role of users in the MDM system.
- Overview of the deployment of an MDM solution.
Group discussion : Simulated workshop to analyze needs for each business line and define shared master data.

4) Forms of data
- From relational to big data.
- Concept of a data lake. Coexistence of traditional technologies and Hadoop.
- Denormalization of data.

- Data for descriptive and predictive analysis.
Storyboarding workshops. : Discussions on the "data strategy" for the company's decision-making.

5) To go further
- The data-driven approach.
- Software on the market.
- Taking the plunge so that the data architecture supports the business strategy.
- Data quality management: Assessment, control, and maintenance. Tools.
- Legislative context: Personal data protection, obligations, retention.
Storyboarding workshops. : Discussions of possible approach strategies based on context.

DATES

REMOTE CLASS
2025 : 26 Jun, 09 Oct, 11 Dec