

Certified Open Data Management Techniques

Course code: DMBI-005



SPARK TRAINING

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— Workshop Overview

Open data is transforming how governments, organizations, and industries share, analyze, and utilize information. Effective open data management enables transparency, innovation, improved decision-making, and better public and organizational services. This course provides participants with a comprehensive understanding of open data principles, governance models, data publishing standards, and management techniques. Participants will learn how to structure, clean, publish, and maintain open datasets while ensuring quality, security, and usability for stakeholders.

Why Attend

This course combines conceptual learning with practical, hands-on exercises using real open data examples. Participants will work on data structuring, cleaning, and publishing scenarios. Case studies from government open data portals and international best practices will be analyzed. Group activities and workshops will focus on

Who Should Attend

Data Managers and Data Analysts
Government and Public Sector Employees
IT and Digital Transformation Teams
Policy Makers and Compliance Officers
Researchers and Academic Professionals
Professionals involved in data publishing or governance

— Learning Objectives

- Understand the principles and benefits of open data
- Identify suitable datasets for open data publishing
- Apply open data standards and metadata structures
- Manage data quality, consistency, and integrity
- Design open data governance frameworks
- Publish and maintain datasets in open data platforms
- Ensure privacy, security, and compliance in open data sharing
- Support transparency and data-driven decision-making

Course Outline

DAY
1

Introduction to Open Data Principles

- What is open data and why it matters
- Benefits for government, business, and society
- Open data ecosystem and stakeholders
- Types of open data and use cases
- Global open data initiatives and standards

DAY
2

Data Structuring and Metadata Management

- Data formats (CSV, JSON, XML, APIs)
- Data cleaning and preparation techniques
- Metadata standards and documentation
- Data classification and categorization
- Ensuring data usability and accessibility

DAY
3

Open Data Governance and Policies

- Open data governance frameworks
- Roles and responsibilities in data management
- Data ownership and accountability
- Licensing models (open licenses, restrictions)
- Ethical considerations in data publishing

DAY
4

Data Publishing and Platform Management

- Open data portals and platforms overview
- Data publishing workflows and processes
- API integration and data sharing mechanisms
- Data updating and version control
- Monitoring data usage and feedback

DAY
5

Advanced Practices and Implementation

- Data privacy and security considerations
- Managing sensitive vs non-sensitive data
- Case studies of successful open data programs
- Building an organizational open data strategy

- Final project: designing an open data framework

— Upcoming Classroom Dates

DATE	LOCATION	FEE
5 - 9 October 2026	London - United Kingdom	€2,100
16 - 20 November 2026	Barcelona - Spain	€1,925
7 - 11 December 2026	Munich - Germany	€1,725
11 - 15 January 2027	Barcelona - Spain	€1,925
8 - 12 February 2027	Amsterdam - Netherlands	€2,125
8 - 12 March 2027	London - United Kingdom	€2,100
12 - 16 April 2027	Munich - Germany	€2,125
10 - 14 May 2027	London - United Kingdom	€2,100

— Certificate and Registration

Participants who attend and complete the full programme receive a SPARK Training Certificate of Completion. For registration, in-house delivery, or availability questions, contact info@sparktraining.eu or +31 85 115 0004.