

# informattech



DATA MANAGEMENT AND BUSINESS INTELLIGENCE | DMBI-005

# Certified Open Data Management Techniques

## UK

+44 33 000 111 90  
info@informattech.co.uk  
[https://informattech.uk](https://informat<span>tech</span>.uk)  
63-66 Hatton Garden Hatton Garden  
EC1N 8LE, London

## NL

+31 85 74 444 46  
info@informattech.nl  
[https://informattech.nl](https://informat<span>tech</span>.nl)  
Waarderweg 50 - 2031PB  
Haarlem - Netherlands

Tel : +44 (33) 000 111 90

Our mailing address is:  
63-66 Hatton Garden, EC1N 8LE, London

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# Course content

## Why Attend

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.

## Course Methodology

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 designing open data frameworks, metadata standards, and data lifecycle management approaches.

## Course Objectives

By the end of this course, participants will be able to:

- 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 content

## Target Audience

- 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

## Target Competencies

- Open data governance and management
- Data structuring and metadata design
- Data quality assurance
- Data publishing and lifecycle management
- Regulatory and ethical compliance
- Analytical and technical data skills
- Transparency and data accessibility practices

## 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



# Course content

## Course outline

### 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



# Course content

## Course outline

- Building an organizational open data strategy
- Final project: designing an open data framework

# Seminar dates

## Available seminar dates

Live dates and pricing for Certified Open Data Management Techniques generated from the course details page.

Date	Location	Format	Fee
6 - 10 July 2026	Amsterdam - Netherlands	Classroom	€4,250.-
10 - 14 August 2026	London - U.K	Classroom	€4,200.-
14 - 18 September 2026	Munich - Germany	Classroom	€3,450.-
5 - 9 October 2026	London - U.K	Classroom	€4,200.-
16 - 20 November 2026	Barcelona - Spain	Classroom	€3,850.-
7 - 11 December 2026	Munich - Germany	Classroom	€3,450.-

### Live online option

Online delivery is available at €1,850.-.