

DATA MANAGEMENT AND BUSINESS INTELLIGENCE | DMBI-024

Data Quality Management

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Course content

Why Attend

Poor data quality undermines analytics, reporting, AI and operations. Organisations need systematic approaches to measure, improve and sustain data quality.

This Aractech course covers data quality dimensions, profiling and assessment, root cause analysis, cleansing and enrichment, data quality rules and monitoring, roles and governance, and building a data quality programme. Participants assess and improve a sample dataset.

Course Methodology

- Hands-on profiling
- Rule design workshops
- Case studies
- Monitoring dashboard exercise
- Planning

Course Objectives

- Define data quality dimensions and requirements
- Profile and assess data quality
- Identify root causes of poor data
- Cleanse and enrich data
- Implement data quality rules and monitoring
- Build a sustainable data quality programme

Target Audience

- Data stewards and managers
- Data analysts

Course content

- BI and reporting teams
- Data governance professionals

Course outline

Detailed course outline

Day-by-day outline for Data Quality Management.

Day 1 - Data Quality Concepts

- 09:00-09:45 | Why data quality matters
- 09:45-10:30 | Quality dimensions
- 10:30-11:00 | Fitness for purpose
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Fitness for purpose (continued)
- 11:45-12:30 | Costs of poor quality
- 12:30-14:00 | Exercise: Quality issues inventory

Day 2 - Assessment

- 09:00-09:45 | Profiling techniques
- 09:45-10:30 | Measuring quality
- 10:30-11:00 | Scorecards
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Scorecards (continued)
- 11:45-12:30 | Prioritisation
- 12:30-14:00 | Lab: Data profiling

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Day 3 - Root Causes and Cleansing

- 09:00-09:39 | Root cause analysis
- 09:39-10:18 | Process fixes
- 10:18-10:57 | Cleansing
- 10:57-11:00 | Standardisation
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Standardisation (continued)
- 12:05-12:43 | Enrichment
- 12:43-14:00 | Exercise: Cleansing plan

Day 4 - Rules and Monitoring

- 09:00-09:45 | Data quality rules
- 09:45-10:30 | Automation
- 10:30-11:00 | Dashboards
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Dashboards (continued)
- 11:45-12:30 | Issue management
- 12:30-14:00 | Lab: Rule implementation

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Day 5 - Programme

- 09:00-09:54 | Roles and governance
- 09:54-10:48 | Culture
- 10:48-11:00 | Metrics
- 11:00-11:30 | Coffee break
- 11:30-12:12 | Metrics (continued)
- 12:12-13:06 | Roadmap
- 13:06-14:00 | Capstone: Data quality programme

Seminar dates

Available seminar dates

Live dates and pricing for Data Quality Management generated from the course details page.

Date	Location	Format	Fee
11 - 15 January 2027	Kuala lumpur	Classroom	€1,925
8 - 12 February 2027	Munich	Classroom	€3,225
8 - 12 March 2027	Amsterdam	Classroom	€2,830
12 - 16 April 2027	Cape Town	Classroom	€1,625
10 - 14 May 2027	Istanbul	Classroom	€1,978
14 - 18 June 2027	Vienna	Classroom	€3,225
12 - 16 July 2027	Barcelona	Classroom	€2,815
9 - 13 August 2027	Kuala lumpur	Classroom	€1,925
13 - 17 September 2027	Munich	Classroom	€3,225
11 - 15 October 2027	Amsterdam	Classroom	€2,830

Seminar dates

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Date	Location	Format	Fee
8 - 12 November 2027	Geneva	Classroom	€4,315
13 - 17 December 2027	Istanbul	Classroom	€1,978
11 - 15 January 2027	Online / Live	Online / Live	€1,815
8 - 12 February 2027	Online / Live	Online / Live	€1,815
8 - 12 March 2027	Online / Live	Online / Live	€1,815
12 - 16 April 2027	Online / Live	Online / Live	€1,815
10 - 14 May 2027	Online / Live	Online / Live	€1,815
14 - 18 June 2027	Online / Live	Online / Live	€1,815
12 - 16 July 2027	Online / Live	Online / Live	€1,815
9 - 13 August 2027	Online / Live	Online / Live	€1,815

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