aractech

Global Learning for Operational Leaders




DIGITAL INNOVATION AND TRANSFORMATION | DIT-062

# Data Strategy for AI Readiness

**Contact**

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# Course content

## Why Attend

Artificial intelligence is only as good as the data behind it. Many organisations discover that their AI ambitions are blocked by fragmented systems, poor data quality, unclear ownership and limited access to the data they need.

An AI-ready data strategy aligns data investments with business priorities, establishes strong governance, builds modern data platforms and creates the skills and culture needed to use data as a strategic asset.

## Course Methodology

• This training course will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This includes an interactive mixture of lecture-led learning, case studies, practical exercises and group discussions.

## Course Objectives

• Understand core principles and best practices covered in Data Strategy for AI Readiness.

• Apply practical techniques to day-to-day operational challenges.

• Build an implementation action plan suitable for your organization.

## Target Audience

• Chief data officers and heads of data

• IT directors and enterprise architects

• Digital transformation leaders

• Data governance and data quality managers



# Course outline

## Detailed course outline

Day-by-day outline for Data Strategy for AI Readiness.

### Day 1 - Data as the Foundation for AI

- 09:00-09:34 | Why AI Projects Fail on Data: Access, quality, volume, bias and integration problems
- 09:34-10:08 | Data Value Chain: From collection and storage to analysis, AI and decision making
- 10:08-10:42 | Types of Data for AI: Structured, unstructured, streaming, external and synthetic data
- 10:42-11:00 | Data and Generative AI: Preparing documents and knowledge for language models
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Data and Generative AI: Preparing documents and knowledge for language models (continued)
- 11:46-12:20 | Data Maturity Models: Assessing capability across people, process and technology
- 12:20-13:27 | Case Studies: Organisations that transformed their data to enable AI
- 13:27-14:00 | Assessment: Participants evaluate their organisation's data and AI readiness

### Day 2 - Defining the Data Strategy

- 09:00-09:27 | Linking Data to Business Strategy: Identifying decisions and use cases that need data
- 09:27-09:54 | Data Vision and Principles: Setting direction and guiding choices
- 09:54-10:21 | Data Domains and Critical Data Elements: Focusing on data that matters most
- 10:21-11:00 | Data Monetisation and Value: Internal and external ways to create value from data
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Data Monetisation and Value: Internal and external ways to create value from data (continued)
- 11:45-12:39 | Build Versus Buy for Data Capabilities: Platforms, services and partners
- 12:39-13:06 | Investment Prioritisation: Balancing foundational work and visible results
- 13:06-14:00 | Workshop: Draft a data vision and strategic objectives



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### Day 3 - Data Governance and Quality for AI

- 09:00-09:34 | Data Governance Frameworks: Roles, policies, standards and decision rights
- 09:34-10:08 | Data Ownership and Stewardship: Assigning accountability across the business
- 10:08-10:42 | Data Quality Management: Dimensions, measurement, monitoring and improvement
- 10:42-11:00 | Metadata and Data Catalogues: Making data findable and understandable
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Metadata and Data Catalogues: Making data findable and understandable (continued)
- 11:46-12:20 | Privacy, Consent and Data Protection: Meeting regulatory requirements for AI
- 12:20-12:53 | Data for Fair AI: Detecting and reducing bias in datasets
- 12:53-14:00 | Exercise: Design a governance model for a priority data domain

### Day 4 - Modern Data Architecture and Platforms

- 09:00-09:30 | Architecture Patterns: Data warehouse, data lake, lakehouse and data mesh compared
- 09:30-10:00 | Cloud Data Platforms: Capabilities, cost models and selection criteria
- 10:00-10:30 | Data Integration: Batch, real-time streaming and API-based integration
- 10:30-11:00 | Data Products: Designing reusable, well-owned data assets
- 11:00-11:30 | Coffee break
- 11:30-12:00 | Data Products: Designing reusable, well-owned data assets (continued)
- 12:00-12:30 | Vector Data and AI Workloads: Supporting embeddings, search and machine learning
- 12:30-13:00 | Security and Access: Role-based access, encryption and data sharing controls
- 13:00-14:00 | Case Study: Designing a target data architecture for AI



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### Day 5 - Operating Model, Culture and Roadmap

• 09:00-09:30 | Data and AI Operating Models: Centralised, federated and hybrid structures

• 09:30-10:00 | Skills and Roles: Data engineers, analysts, scientists, stewards and translators

• 10:00-11:00 | Data Literacy and Culture: Building data-driven behaviours across the organisation

• 11:00-11:30 | Coffee break

• 11:30-12:00 | Measuring Progress: Data strategy KPIs and value tracking

• 12:00-12:30 | Change Management: Securing sponsorship and overcoming resistance

• 12:30-13:30 | Building the Roadmap: Phasing initiatives over 12 to 36 months

• 13:30-14:00 | Capstone: Participants present a data strategy and AI readiness roadmap




# Seminar dates

## Available seminar dates

Live dates and pricing for Data Strategy for AI Readiness generated from the course details page.

| Date | Location | Format | Fee |
|---|---|---|---|
| 4 - 8 January 2027 | Brussels | Classroom | **€3,400** |
| 11 - 15 January 2027 | Dubai | Classroom | **€2,745** |
| 18 - 22 January 2027 | Cape Town | Classroom | **€1,895** |
| 25 - 29 January 2027 | Paris | Classroom | **€2,210** |
| 1 - 5 February 2027 | Dubai | Classroom | **€2,745** |
| 8 - 12 February 2027 | Amsterdam | Classroom | **€2,415** |
| 15 - 19 February 2027 | Eindhoven | Classroom | **€3,400** |
| 22 - 26 February 2027 | London | Classroom | **€2,815** |
| 1 - 5 March 2027 | Cape Town | Classroom | **€1,895** |
| 8 - 12 March 2027 | Istanbul | Classroom | **€2,250** |

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|---|---|---|---|
| 15 - 19 March 2027 | Dubai | Classroom | **€2,745** |
| 22 - 26 March 2027 | Barcelona | Classroom | **€2,175** |
| 5 - 9 April 2027 | Cape Town | Classroom | **€1,895** |
| 12 - 16 April 2027 | Frankfurt | Classroom | **€2,215** |
| 19 - 23 April 2027 | Dubai | Classroom | **€2,745** |
| 26 - 30 April 2027 | Kuala lumpur | Classroom | **€2,425** |
| 3 - 7 May 2027 | London | Classroom | **€2,815** |
| 10 - 14 May 2027 | Rotterdam | Classroom | **€3,400** |
| 17 - 21 May 2027 | Dusseldorf | Classroom | **€3,400** |
| 24 - 28 May 2027 | Cape Town | Classroom | **€1,895** |




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| Date | Location | Format | Fee |
|---|---|---|---|
| 7 - 11 June 2027 | Paris | Classroom | **€2,210** |
| 14 - 18 June 2027 | Dubai | Classroom | **€2,745** |
| 21 - 25 June 2027 | Amsterdam | Classroom | **€2,415** |
| 5 - 9 July 2027 | Dubai | Classroom | **€2,745** |
| 12 - 16 July 2027 | Berlin | Classroom | **€3,400** |
| 19 - 23 July 2027 | Cape Town | Classroom | **€1,895** |
| 26 - 30 July 2027 | Stockholm | Classroom | **€3,400** |
| 2 - 6 August 2027 | Dubai | Classroom | **€2,745** |
| 9 - 13 August 2027 | Barcelona | Classroom | **€2,175** |
| 16 - 20 August 2027 | Cape Town | Classroom | **€1,895** |

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|---|---|---|---|
| 23 - 27 August 2027 | Frankfurt | Classroom | **€2,215** |
| 6 - 10 September 2027 | Dubai | Classroom | **€2,745** |
| 13 - 17 September 2027 | Kuala lumpur | Classroom | **€2,425** |
| 20 - 24 September 2027 | London | Classroom | **€2,815** |
| 4 - 8 October 2027 | Istanbul | Classroom | **€2,250** |
| 11 - 15 October 2027 | Dubai | Classroom | **€2,745** |
| 18 - 22 October 2027 | Cape Town | Classroom | **€1,895** |
| 25 - 29 October 2027 | Malmo | Classroom | **€3,400** |
| 1 - 5 November 2027 | Dubai | Classroom | **€2,745** |
| 8 - 12 November 2027 | Amsterdam | Classroom | **€2,415** |




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| 15 - 19 November 2027 | Dubai | Classroom | **€2,745** |
| 22 - 26 November 2027 | Copenhagen | Classroom | **€3,400** |
| 6 - 10 December 2027 | Cape Town | Classroom | **€1,895** |
| 13 - 17 December 2027 | Istanbul | Classroom | **€2,250** |
| 20 - 24 December 2027 | Dubai | Classroom | **€2,745** |
| 27 - 31 December 2027 | Barcelona | Classroom | **€2,175** |
| 4 - 8 January 2027 | Online / Live | Online / Live | **€1,515** |
| 11 - 15 January 2027 | Online / Live | Online / Live | **€1,515** |
| 18 - 22 January 2027 | Online / Live | Online / Live | **€1,515** |
| 25 - 29 January 2027 | Online / Live | Online / Live | **€1,515** |

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| 1 - 5 February 2027 | Online / Live | Online / Live | **€1,515** |
| 8 - 12 February 2027 | Online / Live | Online / Live | **€1,515** |
| 15 - 19 February 2027 | Online / Live | Online / Live | **€1,515** |
| 22 - 26 February 2027 | Online / Live | Online / Live | **€1,515** |
| 1 - 5 March 2027 | Online / Live | Online / Live | **€1,515** |
| 8 - 12 March 2027 | Online / Live | Online / Live | **€1,515** |
| 15 - 19 March 2027 | Online / Live | Online / Live | **€1,515** |
| 22 - 26 March 2027 | Online / Live | Online / Live | **€1,515** |
| 5 - 9 April 2027 | Online / Live | Online / Live | **€1,515** |
| 12 - 16 April 2027 | Online / Live | Online / Live | **€1,515** |

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| 3 - 7 May 2027 | Online / Live | Online / Live | **€1,515** |
| 10 - 14 May 2027 | Online / Live | Online / Live | **€1,515** |
| 17 - 21 May 2027 | Online / Live | Online / Live | **€1,515** |
| 24 - 28 May 2027 | Online / Live | Online / Live | **€1,515** |
| 7 - 11 June 2027 | Online / Live | Online / Live | **€1,515** |
| 14 - 18 June 2027 | Online / Live | Online / Live | **€1,515** |
| 21 - 25 June 2027 | Online / Live | Online / Live | **€1,515** |
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| 19 - 23 July 2027 | Online / Live | Online / Live | **€1,515** |
| 26 - 30 July 2027 | Online / Live | Online / Live | **€1,515** |
| 2 - 6 August 2027 | Online / Live | Online / Live | **€1,515** |
| 9 - 13 August 2027 | Online / Live | Online / Live | **€1,515** |
| 16 - 20 August 2027 | Online / Live | Online / Live | **€1,515** |
| 23 - 27 August 2027 | Online / Live | Online / Live | **€1,515** |
| 6 - 10 September 2027 | Online / Live | Online / Live | **€1,515** |
| 13 - 17 September 2027 | Online / Live | Online / Live | **€1,515** |
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| 4 - 8 October 2027 | Online / Live | Online / Live | **€1,515** |
| 11 - 15 October 2027 | Online / Live | Online / Live | **€1,515** |
| 18 - 22 October 2027 | Online / Live | Online / Live | **€1,515** |
| 25 - 29 October 2027 | Online / Live | Online / Live | **€1,515** |
| 1 - 5 November 2027 | Online / Live | Online / Live | **€1,515** |
| 8 - 12 November 2027 | Online / Live | Online / Live | **€1,515** |
| 15 - 19 November 2027 | Online / Live | Online / Live | **€1,515** |
| 22 - 26 November 2027 | Online / Live | Online / Live | **€1,515** |
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| 27 - 31 December 2027 | Online / Live | Online / Live | **€1,515** |

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