

The background of the slide is a high-angle, wide shot of a city skyline at dusk or night. The city is densely packed with buildings, many of which are illuminated with lights. The sky is a deep purple and blue. Overlaid on the image are several white, stylized digital icons: a cloud in the upper left, another cloud in the upper right, and a series of concentric arcs representing a signal or network in the center. The overall aesthetic is modern and tech-oriented.

# aractech

Global Learning for Operational Leaders

DIGITAL INNOVATION AND TRANSFORMATION | DIT-017

## Cloud Computing and Digital Transformation for Managers

### Contact

+31 85 7444446  
[info@aractech.com](mailto:info@aractech.com)  
<https://aractech.com>

### Address

Waarderweg 50, 2031PB Haarlem - Netherlands.

# Course content

## Why Attend

Cloud computing has become a core enabler of digital transformation, allowing organizations to modernize technology environments, scale services, improve operational flexibility, and introduce digital products more rapidly. Managers involved in transformation initiatives need to understand cloud capabilities and business implications without necessarily becoming technical cloud engineers.

This Cloud Computing and Digital Transformation for Managers course provides a business-focused understanding of cloud strategy, service and deployment models, migration decisions, cloud economics, security, governance, data, artificial intelligence, and organizational change. Participants examine major cloud ecosystems such as Microsoft Azure, Amazon Web Services (AWS), and Google Cloud and learn how cloud investments can be connected to business objectives, operating models, customer experience, innovation, and measurable transformation outcomes.

## Course Methodology

- The programme combines management briefings, cloud demonstrations, business case studies, transformation scenarios, group discussions, decision workshops, and strategic planning exercises. Participants evaluate cloud and digital transformation decisions from business, financial, operational, governance, and risk perspectives and develop a practical transformation roadmap for their organization.

## Course Objectives

- Understand cloud computing concepts and their relevance to business strategy
- Differentiate between cloud service and deployment models
- Evaluate cloud platforms and sourcing options from a management perspective
- Develop business cases for cloud migration and digital modernization
- Assess cloud costs, benefits, risks, and operational implications
- Understand cloud security, governance, resilience, and shared responsibility

## Target Audience

- This course is suitable for:
- Executives and senior managers
- Digital transformation leaders

- IT managers and technology decision-makers

# Course outline

## Detailed course outline

Day-by-day outline for Cloud Computing and Digital Transformation for Managers.

### Day 1 - Cloud Computing Strategy and Business Value

- Understanding cloud computing and its role in enterprise digital transformation
- Comparing Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS)
- Evaluating public, private, hybrid, and multi-cloud deployment approaches
- Understanding the business capabilities of Microsoft Azure, Amazon Web Services (AWS), and Google Cloud
- Connecting cloud adoption with agility, scalability, resilience, innovation, and customer experience
- Practical exercise: Identifying business capabilities and processes that could benefit from cloud-enabled transformation

### Day 2 - Cloud Migration, Application Modernization and Business Cases

- Assessing existing applications, infrastructure, data, dependencies, and business criticality before migration
- Evaluating migration approaches including rehosting, replatforming, refactoring, repurchasing, retaining, and retiring workloads
- Prioritizing cloud initiatives according to business value, complexity, risk, and strategic importance
- Developing cloud business cases covering investment requirements, operating costs, benefits, risks, and expected outcomes
- Understanding modernization approaches involving cloud-native applications, APIs, containers, serverless services, and managed platforms from a management perspective
- Case study: Evaluating an application portfolio and developing a prioritized cloud migration and modernization plan

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### Day 3 - Cloud Economics, Governance, Security and Operational Risk

- Comparing capital expenditure and operating expenditure considerations in cloud investment decisions
- Understanding cloud consumption, pricing models, budgeting, cost allocation, and financial accountability
- Applying FinOps principles to improve collaboration between technology, finance, and business teams
- Understanding cloud security responsibilities, identity and access management, data protection, and the shared responsibility model
- Managing resilience, business continuity, vendor dependency, service availability, and cloud-related operational risks
- Workshop: Reviewing a cloud programme from financial, security, governance, and business risk perspectives

### Day 4 - Cloud-Enabled Data, AI and Digital Business Transformation

- Connecting cloud platforms with enterprise data, analytics, business intelligence, and digital decision-making
- Understanding how cloud infrastructure supports artificial intelligence, generative AI, machine learning, and automation initiatives
- Modernizing business processes through cloud applications, integration, APIs, and workflow automation
- Using cloud capabilities to support digital products, customer platforms, remote collaboration, and scalable services
- Aligning technology modernization with business architecture, customer journeys, and organizational priorities
- Practical scenario: Designing a cloud-enabled transformation initiative combining data, AI, automation, and process improvement

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### Day 5 - Leading Cloud Adoption and Building the Digital Transformation Roadmap

- Establishing cloud governance structures, decision rights, accountability, policies, and management oversight
- Identifying organizational capabilities, skills, roles, and operating model changes required for cloud adoption
- Managing stakeholder expectations, resistance, communication, and adoption during digital transformation
- Defining cloud and transformation KPIs covering cost, speed, resilience, adoption, customer value, and operational performance
- Prioritizing initiatives and developing phased implementation plans based on business value, dependencies, resources, and risk
- Capstone exercise: Developing and presenting a Cloud Computing and Digital Transformation Roadmap with strategic priorities, investment considerations, governance controls, and measurable business outcomes

# Seminar dates

## Available seminar dates

Live dates and pricing for Cloud Computing and Digital Transformation for Managers generated from the course details page.

| Date | Location | Format | Fee |
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|------|----------|--------|-----|