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DIGITAL INNOVATION AND TRANSFORMATION | DIT-017

Cloud Computing and Digital Transformation for Managers

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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.

Professional Problems This Course Is Designed to Solve

• Unclear cloud business value: Connecting cloud investment decisions with cost, agility, resilience, innovation, customer experience, and business growth.

• Confusion around cloud options: Understanding public, private, hybrid, and multi-cloud approaches together with SaaS, PaaS, and IaaS service models.

• Poorly planned cloud migration: Determining which applications and workloads should be migrated, modernized, replaced, retained, or retired.

• Unexpected cloud expenditure: Improving visibility of cloud consumption, financial accountability, budgeting, and cost optimization.

• Cloud security and governance concerns: Understanding shared responsibility, identity and access, data protection, resilience, governance, and third-party risk.

• Disconnected digital transformation initiatives: Aligning cloud, data, AI, automation, applications, and business process transformation under a coherent strategy.

• Weak organizational adoption: Managing skills, operating model, leadership, process, and cultural changes required to achieve sustainable transformation.

Course Methodology

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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

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

- 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
- Connect cloud adoption with data, AI, automation, and digital innovation
- Prioritize applications and business processes for modernization
- Manage organizational change associated with cloud-enabled transformation
- Develop a practical cloud and digital transformation roadmap

Target Audience

This course is suitable for:

- Executives and senior managers
- Digital transformation leaders
- IT managers and technology decision-makers

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Target Audience

- Business unit managers
- Strategy and innovation professionals
- Finance and procurement managers involved in technology investments
- Project and programme managers
- Professionals responsible for business modernization initiatives

Target Competencies

Participants will develop competencies in:

- Cloud computing strategy
- Digital transformation
- Cloud business case development
- Technology investment evaluation
- Cloud economics and cost management
- Digital operating models
- Cloud governance
- Technology risk management
- Business process modernization
- Transformation roadmap development

Course outline

Day 1: Cloud Computing Strategy and Business Value

- Understanding cloud computing and its role in enterprise digital transformation

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Course outline

• 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

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

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• 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

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

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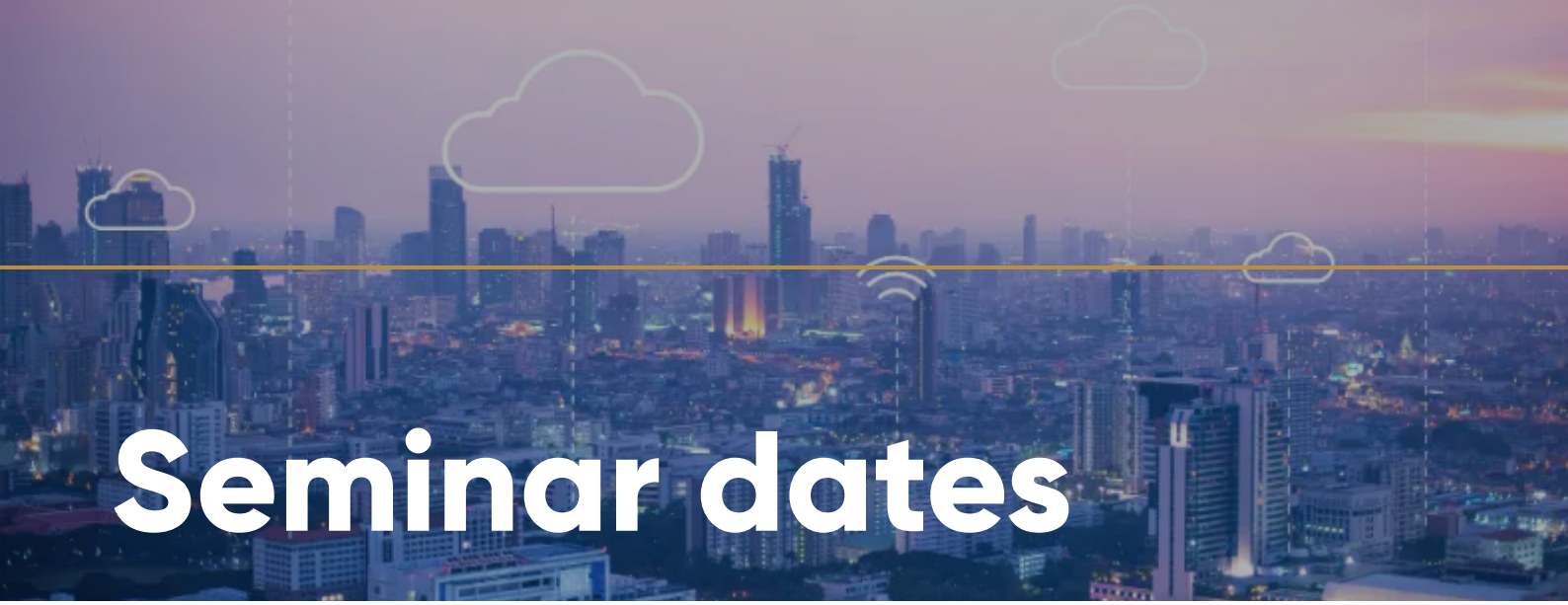
• Defining cloud and transformation KPIs covering cost, speed, resilience, adoption, customer value, and operational performance

• 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
Dates on request	Venue on request	Classroom	**Contact us**

Live online option	Online delivery is available at €1,850.-.