Training: Google Cloud
Cloud Digital Leader

Google Cloud

TRANING TERMS

2026-12-16 | 2 days | Virtual Classroom

TRAINING GOALS:

If you’re wondering how the cloud can transform your business, then the Cloud Digital Leader training is for you. Designed to give you foundational knowledge about cloud technology, data, artificial intelligence, and Google Cloud products that enable digital transformation, CDL can empower you and your team(s) to contribute to cloud-related business initiatives in your organization. Whether you're an experienced leader or new to the cloud, CDL equips you with the tools and confidence to make a real difference.

Course objectives

- How to identify Google Cloud products and solutions that support digital transformation.
- How cloud technology and data can be used to innovate within organizations.
- Ways organizations can innovate using Google Cloud’s artificial intelligence and machine learning solutions.
- Options for infrastructure and application modernization with Google Cloud.
- The fundamentals of cloud security, Google’s trusted infrastructure.
- How to optimize cloud costs and achieve operational excellence with Google Cloud.

Audience

- Traditional enterprise business decision makers
- All management levels leading product, projects, programs, operations, line of business, finance, people management, sales, marketing, and client management interested in how Google Cloud can support their business transformation
- Individuals reasonably new to cloud technology

CONSPECT:

Compendium Centrum Edukacyjne Spółka z o.o.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Postępu 18B, 02-676 Warszawa, tel.: (22) 417 41 70

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- Digital Transformation with Google Cloud
  - Topics
    - Why cloud technology is transforming business
    - Fundamental cloud concepts
    - Cloud computing models and shared responsibility
  - Objectives
    - Explain why and how the cloud is revolutionizing businesses.
    - Explain general cloud concepts.
    - Discuss the benefits and tradeoffs of using infrastructure as a service (IaaS); platform as a service (PaaS); and software as a service (SaaS).
- Exploring Data Transformation with Google Cloud
  - Topics
    - The value of data
    - Google Cloud data management solutions
    - Making data useful and accessible
  - Objectives
    - Describe the intrinsic role that data plays in an organization's digital transformation.
    - Determine which Google Cloud data management products are applicable to different business use cases.
    - Discuss how smart analytics, business intelligence tools, and streaming analytics can add value in different business use cases.
- Innovating with Google Cloud Artificial Intelligence
  - Topics
    - AI and ML fundamentals
    - Google Cloud’s AI and ML solutions
  - Objectives
    - Discuss the main AI and ML concepts, and explain how ML can create business value.
    - Discuss the range of Google Cloud AI and ML solutions and products available, and how to select the most appropriate solution for different business use cases.
    - Explain how Google Cloud’s pre-trained API, AutoML, and custom AI/ML products can create business value.
- Modernize Infrastructure and Applications with Google Cloud
  - Topics
    - Important cloud migration terms
    - Modernizing infrastructure in the cloud
    - Modernizing applications in the cloud

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- Objectives
  - Explain why modernization and migration to the cloud are important steps in an organization’s transformation journey, and how each application might have a different path.
  - Discuss the options for and advantages of running compute workloads in the cloud.
  - Discuss the advantages of using containers in application modernization.
  - Discuss the advantages of serverless computing in application modernization.
  - Explain the business value of application programming interfaces (APIs).
  - Discuss the business reasons for choosing hybrid or multi-cloud strategies and how GKE Enterprise enables these strategies.

- Trust and Security with Google Cloud
  - Topics
    - Trust and security in the cloud
    - Google’s trusted infrastructure
    - Google Cloud’s trust principles and compliance
  - Objectives
    - Discuss fundamental cloud security concepts.
    - Explain the business value of Google’s defense-in-depth multilayered approach to infrastructure security.
    - Describe how Google Cloud earns and maintains customer trust in the cloud.

- Scaling with Google Cloud Operations
  - Topics
    - Financial governance and managing cloud costs
    - Operational excellence and reliability at scale
    - Sustainability with Google Cloud
  - Objectives
    - Discuss how Google Cloud supports an organization's financial governance and ability to control their cloud costs.
    - Discuss the fundamental concepts of modern operations, reliability, and resilience in the cloud.
    - Discuss how Google Cloud helps organizations meet sustainability goals and reduce environmental impact.

REQUIREMENTS:

- Knowledgeable about your own business products, services, and industry.
- No prior technical knowledge is required.

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Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Google Cloud

TRAINER:

Authorized Google Cloud Trainer

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