

CDL: Google Cloud Digital Leader

Understand what Google Cloud can do for your organisation and prepare for the Cloud Digital Leader certification in one focused day.

DURATION

1 day · 8 hours

LEVEL

Beginner

CURRICULUM

4 modules · 3 labs

DELIVERYLive online, Onsite,
Corporate

Course overview

Cloud decisions are no longer made only by engineers. Product owners, managers, consultants and sales teams are expected to understand what a cloud platform offers and how it changes the way a business works. This one-day course gives you that understanding for Google Cloud, without assuming a technical background.

The day follows the themes of the Cloud Digital Leader exam. We begin with digital transformation: why organisations move to the cloud, the shift from capital to operational spending and how cloud changes ways of working. We then look at data, from databases and data warehouses to analytics with BigQuery, before moving to artificial intelligence and machine learning, including how generative AI and pre-trained APIs are used responsibly in business.

The afternoon covers infrastructure and application modernisation — virtual machines, containers, serverless and APIs — then trust and security, including shared responsibility, identity, data protection and compliance. We finish with scaling and operating in the cloud: reliability, monitoring, cost management and sustainability.

Short console demonstrations make the services concrete, and every topic ends with practice questions so you can check understanding as you go. This course is aligned to the Cloud Digital Leader exam and prepares you for it; confirm the current exam guide on the Google Cloud certification site before booking.

Highlights

- 8 hours of live, trainer-led learning in one day
- Business-first explanations of Google Cloud services
- Covers data, AI, infrastructure, security and operations
- Short guided demos in the Google Cloud console
- Practice questions with explained answers

What's included

- No technical prerequisites
- Business examples for every service area
- Guided console demonstrations
- Coverage of all exam themes in one day
- Practice questions throughout the day
- Course completion certificate from Ace Skills Consulting

Who this course is for

Who should attend

- Business and product managers working with cloud initiatives
- Sales, pre-sales and account teams selling cloud services
- Consultants and analysts advising on digital transformation
- IT professionals new to Google Cloud
- Students exploring a cloud career

Prerequisites

- General awareness of IT and business operations
- No prior cloud experience required

Detailed curriculum — 1 day, 8 hours, 4 modules, 3 hands-on labs

Day 1 Google Cloud for Digital Transformation

8 hours

1.1 Digital transformation with Google Cloud

- Why organisations move to the cloud
- Google Cloud global infrastructure
- Cloud service and deployment models
- Total cost of ownership and operating expenditure

1.2 Data and AI innovation

- Databases, data lakes and data warehouses
- Machine learning options: APIs, AutoML and custom models
- Responsible AI principles
- BigQuery and Looker for analytics
- Generative AI with Vertex AI and Gemini

LAB Run a query on a BigQuery public dataset · 25 min

1.3 Infrastructure and application modernisation

- Compute Engine, GKE and Cloud Run
- APIs and Apigee
- Hybrid and multi-cloud with GKE Enterprise
- Migration approaches

LAB Deploy a sample container to Cloud Run · 25 min

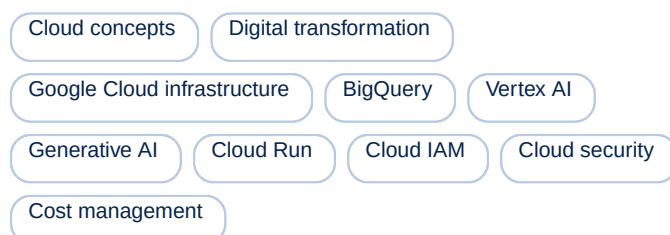
1.4 Trust, security and operations

- Shared responsibility and defence in depth
- Compliance and data sovereignty
- Sustainability and exam practice
- Identity and access with Cloud IAM
- Reliability, monitoring and cost control

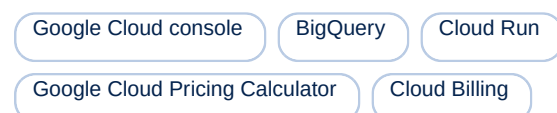
LAB Explore IAM roles and set a billing budget · 20 min

Skills and tools

Skills you will build



Tools used in class



Certification exam

This course is aligned to the exam below and prepares you for it. The exam itself is booked and taken with the vendor.

Exam	Google Cloud Certified – Cloud Digital Leader
Exam code	CDL
Questions	50–60
Duration	90 minutes
Format	Multiple choice, Multiple response
Delivery	Online proctored, Test centre
Official page	https://cloud.google.com/learn/certification/cloud-digital-leader

Exam skill areas covered

Explaining cloud services, Google Cloud, Cloud

Exam details are pending verification. Confirm the current exam code, format and fee on the official vendor page before booking.

Frequently asked questions

Is this course technical?

Only lightly. It explains services and their business value, with short demos rather than hands-on engineering.

Do I need a Google Cloud account?

Not necessarily. Demonstrations are run by the trainer, and optional exercises use a free account if you want to follow along.

How should I prepare after the course?

Review the notes and complete the practice questions we share; most learners book the exam within one to two weeks.

What comes after Cloud Digital Leader?

Technical learners usually continue to Associate Cloud Engineer, which is hands-on and engineering-focused.

Can we run this for a business team?

Yes. Corporate batches are popular for sales and management teams, and examples can be adapted to your industry.

Book a batch or talk to an advisor

Course page: aceskillsconsulting.com/course/cdl-google-cloud-digital-leader · Email: info@aceskillsconsulting.com

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