



Cloud Digital Leader

Course description

In this certification program, you will learn about the fundamental concepts, methods, and strategies for cloud technology, specifically within the Google Cloud ecosystem. You will gain a solid understanding of the value proposition of cloud computing, its common use cases, and how it can address business needs across various industries. Additionally, you will learn about practical insights into core Google Cloud products and services and how they enable digital transformation. By the end of this program, you will be able to articulate the business benefits of Google Cloud and its capabilities to both technical and non-technical stakeholders, fostering discussions around cloud adoption and implementation in an organization.

- **Course level:** Beginner
- **Duration:** 2 Days

Activities

This program includes self-paced online modules, concept explanations, use case discussions, knowledge checks, and practice questions to prepare for the certification exam.

Course objectives

In this program, you will learn to:

- Summarize core cloud computing concepts, models, and benefits
- Discuss the value proposition of Google Cloud for various business scenarios
- Describe key Google Cloud products and services across compute, storage, networking, and data
- Recognize common use cases for cloud adoption and digital transformation using Google Cloud
- Explain the principles of cloud security, operations, and pricing on Google Cloud
- Articulate how Google Cloud enables innovation and sustainability initiatives
- Identify appropriate Google Cloud solutions for specific business challenges

Intended audience

This program is intended for individuals with limited prior knowledge of cloud computing or Google Cloud, seeking to understand the business value of cloud technology:

- Business analysts
- IT decision-makers
- Marketing professionals
- Product or project managers
- Line-of-business managers
- Sales professionals
- Aspiring cloud professionals (non-technical roles)
- Anyone looking to understand the foundational business aspects of cloud technology

Prerequisites

We recommend that attendees of this program have:

- None

Course outline

Module 01 – Digital Transformation with Google Cloud

Topics

- Why Cloud Technology is Transforming Business
- Fundamental Cloud Concepts
- Cloud Computing Models
- Shared Responsibility

Activities

- Digital Transformation Discussion
- Cloud Model Comparison Exercise
- Classroom Activity

Module 02 – Exploring Data Transformation with Google Cloud

Topics

- The Value of Data
- Google Cloud Data Management Solutions
- Business Intelligence and Analytics
- Streaming Analytics

Activities

- Data Strategy Workshop
- Analytics Use Case Discussion
- Classroom Activity

Module 03 – Innovating with Google Cloud Artificial Intelligence

Topics

- AI and ML Fundamentals
- Google Cloud AI and ML Solutions
- Pre-trained APIs
- AutoML and Custom AI/ML

Activities

- AI Business Use Case Workshop
- ML Solution Mapping Exercise
- Classroom Activity

Module 04 – Modernize Infrastructure and Applications with Google Cloud

Topics

- Cloud Migration Concepts
- Infrastructure Modernization
- Application Modernization
- Containers
- Serverless Computing

- APIs
- Hybrid and Multi-cloud

Activities

- Application Modernization Discussion
- Hybrid Cloud Strategy Exercise

Module 05 – Trust and Security with Google Cloud

Topics

- Cloud Security Fundamentals
- Google's Trusted Infrastructure
- Trust Principles
- Compliance

Activities

- Security Strategy Discussion
- Compliance Review Exercise

Module 06 – Scaling with Google Cloud Operations

Topics

- Financial Governance
- Cloud Cost Management
- Operational Excellence
- Reliability and Resilience
- Sustainability

Your course overview ends here.
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About CloudThat

Established in 2012, CloudThat is an award-winning company and the first in India to offer cloud training and consulting services for individuals and enterprises worldwide. Recently, it won Google Cloud's New Training Partner of the Year Award for 2025, becoming the first company in the world in 2025 to hold awards from all three major cloud giants: AWS, Microsoft, and Google. CloudThat notably won consecutive AWS Training Partner of the Year (APJ) awards in 2023 and 2024 and the Microsoft Training Services Partner of the Year Award in 2024, bringing its total award count to an impressive 12 awards in the last 8 years.

CloudThat specializes in Cloud Migration, Data Platforms, DevOps, IoT, and cutting-edge technologies like Gen AI & AI/ML. As a Microsoft Solutions Partner, AWS Premier Tier Training Partner, Google Cloud Platform Partner, and collaborator with leading organizations like HPE, Oracle, Nvidia and Databricks, CloudThat has trained over 850,000 professionals across 600+ cloud certifications, empowering students and professionals worldwide to advance their skills and careers.

To know more about our cloud certification training, email at sales@cloudthat.com or call us at [+91-8880002200](tel:+91-8880002200) or [+1-8555588830](tel:+1-8555588830) for those from outside India.