



Getting Started with FinOps on Google Cloud

Course description

In this comprehensive course, you will learn the fundamental principles and practical implementation of FinOps specifically tailored for Google Cloud environments. You will gain a solid understanding of how to manage and optimize your cloud spend, foster a culture of financial accountability, and leverage Google Cloud's native tools and services to achieve significant cost efficiency. This course will cover everything from understanding Google Cloud billing mechanisms to advanced cost optimization strategies and establishing a robust FinOps practice within your organization. By the end of this course, you will be equipped to drive financial efficiency and maximize business value from your Google Cloud investments.

- **Course level:** Beginner
- **Duration:** 1 day

Activities

This course includes presentations, hands-on labs using a live Google Cloud environment, interactive demonstrations of billing and cost management tools, and collaborative group exercises focusing on real-world FinOps scenarios.

Course objectives

In this course, you will learn to:

- Summarize the core principles, phases, and benefits of the FinOps framework in the context of Google Cloud.
- Explain the various components of Google Cloud billing, including pricing models, discounts, and cost drivers.
- Effectively utilize Google Cloud's native cost management tools (e.g., Cloud Billing Reports, Budgets, Recommendations AI, Cost Management API).
- Implement practical cost optimization strategies across key Google Cloud services such as Compute Engine, Cloud Storage, Networking, and managed databases.
- Develop a collaborative FinOps culture within your organization, fostering communication between finance, engineering, and operations teams.
- Create and interpret detailed cost reports and dashboards to provide actionable insights for stakeholders.
- Plan and execute a FinOps implementation roadmap for an organization leveraging Google Cloud.

Intended audience

This course is intended for professionals responsible for cloud financial management, cost optimization, and operational efficiency on Google Cloud, including:

- Cloud Engineers and Architects
- DevOps and SRE Professionals
- Financial Analysts and Controllers
- IT Directors and Managers
- Product Owners and Project Managers
- Business Stakeholders with cloud cost oversight

- Solutions Architects

Prerequisites

We recommend that attendees of this course have:

- Basic understanding of cloud computing concepts.
- Familiarity with Google Cloud Platform services and core navigation.
- A general awareness of financial management or budgeting concepts (beneficial, but not strictly required).

Course outline

Module 01 – Introduction to FinOps on Google Cloud

Topics

- Financial Governance Challenges
- Cloud FinOps Industry Trends
- Google Cloud FinOps Framework

Activities

- Classroom Discussion: Cloud Financial Governance
- FinOps Framework Review
- Interactive Learning Session

Module 02 – Accountability and Enablement

Topics

- Cloud FinOps Operating Model
- Roles and Responsibilities
- Governance and Policies
- Incentivization

Activities

- Discussion: Establishing a Cloud FinOps Operating Model
- Governance Strategy Exercise
- Team Accountability Workshop

Module 03 – Measurement and Realization

Topics

- Benefits of Measurement and Realization
- KPIs and Value Metrics
- Value vs. Cost
- Transparency Through Reporting and Accountability

Activities

- Discussion: Value vs. Cost
- Discussion: Transparency Through Reporting and Accountability
- KPI Planning Exercise

Module 04 – Cost Optimization

Topics

- Google Cloud Cost Optimization Approach
- Resource Utilization
- Golden Signals
- Resource, Price, and Architecture Optimization

- Optimizing Resource Utilization

Activities

- Discussion: Understanding the Golden Signals
- Discussion: Resource, Pricing, and Architectural Optimization
- Cost Optimization Workshop

Module 05 – Planning and Forecasting

Topics

- Budgeting and Allocation
- Forecasting Spend
- Reporting and Integration
- Google Cloud Billing Model

Activities

- Discussion: Budgeting, Allocating, and Forecasting
- Forecasting Exercise
- Financial Planning Workshop

Module 06 – Tools and Accelerators

Topics

- Budgets and Alerts on Google Cloud
- Tagging Automation and Resource Management
- Cost Management Tools within Google Cloud
- Cloud Cost Reporting

Activities

- Google Cloud Billing Demonstration
- Cost Reporting Review
- Resource Tagging Exercise

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.