

Getting Started with FinOps on Google Cloud

The best course to get started with FinOps on Google Cloud

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Learning outcomes

- Address financial governance challenges with Cloud FinOps.
- Understand the five pillars of the Google Cloud FinOps operating model.
- Establish cloud FinOps policies and enablement for your organization.
- Drive financial accountability and value realization with defined success metrics.
- Understand how to optimize costs of your utilized Google Cloud resources.
- Modernize budgeting and forecasting methods.
- Leverage costing tools to effectively manage and track Google Cloud spend.

Who this course is for

All customers interested in FinOps in Google Cloud

Prerequisites

Basic knowledge of cloud computing and Google Cloud technologies as discussed in the [Cloud Digital Leader](#) course.

Course Outline

Module 01 : Introduction to FinOps on Google Cloud

Topics

- Financial governance challenges
- Cloud FinOps industry trends
- Google Cloud FinOps framework

Objectives

- Describe financial governance challenges for cloud resources.
- Describe industry trends in Cloud FinOps.
- Understand the Google Cloud FinOps framework.

Module 02 : Accountability and Enablement

Topics

- Cloud FinOps operating model
- Roles and responsibilities
- Governance and policies
- Incentivization

Objectives

- Create a Cloud FinOps operating model.
- Define roles and responsibilities within a Cloud FinOps team.
- Establish governance and policies.
- Enable your organization through incentivization.

Activities

- Discussion: Establishing a Cloud FinOps operating model

Module 03 : Measurement and Realization

Topics

- Benefits of measurement and realization
- KPIs and value metrics
- Value vs. cost
- Transparency through reporting and accountability

Objectives

- Establish KPIs and value metrics.

- Understand value vs. cost.
- Establish transparency through reporting and accountability

Activities

- Discussion: Value vs. cost
- Discussion: Transparency through reporting and accountability

Module 04: Cost Optimization

Topics

- Google Cloud cost optimization approach
- Resource utilization
- Golden signals
- Resource, price, and architecture optimization
- Optimizing resource utilization

Objectives

- Understand Google Cloud cost optimization approach.
- Implement visibility into resource utilization via tagging.
- Understand the golden signals.
- Describe resource, price, and architecture optimization.
- Optimize resource utilization.

Module 05: Planning and Forecasting

Topics

- Budgeting and allocation
- Forecasting spend
- Reporting and integration
- Google Cloud billing model

Objectives

- Understand budgeting and allocation.
- Forecast spend on cloud resources.
- Implement reporting and integration.
- Understand the Google Cloud billing model.

Activities

- Discussion: Budgeting, allocating, and forecasting

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

Objectives

- Explore budgets and alerts on Google Cloud
- Tagging automation and resource management
- Describe cost management tools within Google Cloud
- Understand Cloud Cost Reporting