

# 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