





# Getting Started with FinOps on Google Cloud

This course is an interactive learning experience designed to provide an actionable set of steps to help your organizations implement a Cloud Financial Management strategy to maximize your cloud investment with Google Cloud. In this class you will walk through the five pillars of Google Cloud FinOps and understand how your organization can work to implement these pillars in their own FinOps approach.

 **DURATION**  
1 day

 **LEVEL**  
Introductory

 **FORMAT**  
Instructor-led

## What you'll learn

- 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.



Overview	6 modules · 6 classroom activities
Who this course is for	Customers
Prerequisite	Basic knowledge of cloud computing and Google Cloud technologies as discussed in the "Cloud Digital Leader" course.

## Module 01 Introduction to FinOps on Google Cloud

Topics	<ul style="list-style-type: none"><li>• Financial governance challenges</li><li>• Cloud FinOps industry trends</li><li>• Google Cloud FinOps framework</li></ul>
Objectives	<ul style="list-style-type: none"><li>• Describe financial governance challenges for cloud resources.</li><li>• Describe industry trends in Cloud FinOps.</li><li>• Understand the Google Cloud FinOps framework.</li></ul>

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## Module 02 Accountability and Enablement

Topics	<ul style="list-style-type: none"><li>• Cloud FinOps operating model</li><li>• Roles and responsibilities</li><li>• Governance and policies</li><li>• Incentivization</li></ul>
Objectives	<ul style="list-style-type: none"><li>• Create a Cloud FinOps operating model.</li><li>• Define roles and responsibilities within a Cloud FinOps team.</li><li>• Establish governance and policies.</li><li>• Enable your organization through incentivization.</li></ul>
Activities	Discussion: Establishing a Cloud FinOps operating model



## Module 03 Measurement and Realization

Topics	<ul style="list-style-type: none"><li>• Benefits of measurement and realization</li><li>• KPIs and value metrics</li><li>• Value vs. cost</li><li>• Transparency through reporting and accountability</li></ul>
Objectives	<ul style="list-style-type: none"><li>• Establish KPIs and value metrics.</li><li>• Understand value vs. cost.</li><li>• Establish transparency through reporting and accountability.</li></ul>
Activities	<ul style="list-style-type: none"><li>• Discussion: Value vs. cost</li><li>• Discussion: Transparency through reporting and accountability</li></ul>

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## Module 04 Cost Optimization

Topics	<ul style="list-style-type: none"><li>• Google Cloud cost optimization approach</li><li>• Resource utilization</li><li>• Golden signals</li><li>• Resource, price, and architecture optimization</li><li>• Optimizing resource utilization</li></ul>
Objectives	<ul style="list-style-type: none"><li>• Understand Google Cloud cost optimization approach.</li><li>• Implement visibility into resource utilization via tagging.</li><li>• Understand the golden signals.</li><li>• Describe resource, price, and architecture optimization.</li><li>• Optimize resource utilization.</li></ul>
Activities	<ul style="list-style-type: none"><li>• Discussion: Understanding the golden signals</li><li>• Discussion: Resource, pricing, and architectural optimization</li></ul>

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## Module 05 Planning and Forecasting

Topics	<ul style="list-style-type: none"><li>• Budgeting and allocation</li><li>• Forecasting spend</li><li>• Reporting and integration</li><li>• Google Cloud billing model</li></ul>
Objectives	<ul style="list-style-type: none"><li>• Understand budgeting and allocation.</li><li>• Forecast spend on cloud resources.</li><li>• Implement reporting and integration.</li><li>• Understand the Google Cloud billing model.</li></ul>



**Activities**      Discussion: Budgeting, allocating, and forecasting

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## **Module 06      Tools and Accelerators**

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| <b>Topics</b>     | <ul style="list-style-type: none"><li>• Budgets and alerts on Google Cloud</li><li>• Tagging automation and resource management</li><li>• Cost management tools within Google Cloud</li><li>• Cloud Cost Reporting</li></ul>                             |
| <b>Objectives</b> | <ul style="list-style-type: none"><li>• Explore budgets and alerts on Google Cloud</li><li>• Tagging automation and resource management</li><li>• Describe cost management tools within Google Cloud</li><li>• Understand Cloud Cost Reporting</li></ul> |

