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Google Cloud

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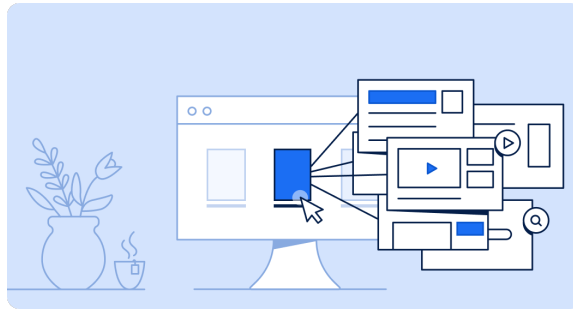
Apply your skills in Google Cloud console

IT Heroes Summit learning path

school 8 activities update Last updated almost 2 years person Managed by Google Cloud

Market dynamics are demanding businesses optimize everything, and do more with less. Whether you're looking to innovate and automate with A/ML, rebalancing budgets, and drive velocity, or kickstart your sustainability initiatives, it's a Herculean task. That's why we've put together a set of learning paths to help you boost your IT superpowers today. Let's go!

[Start learning path](#)



(/paths/108/course_templates/684)

01 Build and Deploy Machine Learning Solutions on Vertex AI

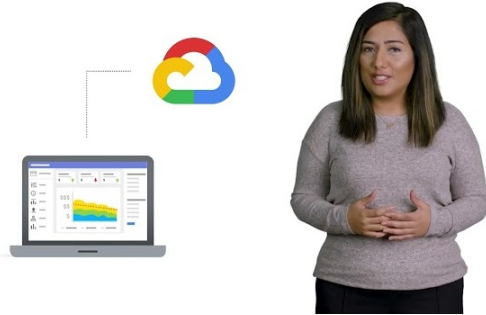
book Course

access_time 7 hours

show_chart Intermediate

Earn the intermediate skill badge by completing the Build and Deploy Machine Learning Solutions on Vertex AI course, where you will learn how to use Google Cloud's Vertex AI platform, AutoML, and custom training services to train, evaluate, tune, explain,...

Start course



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02 Optimize Your Google Cloud Costs

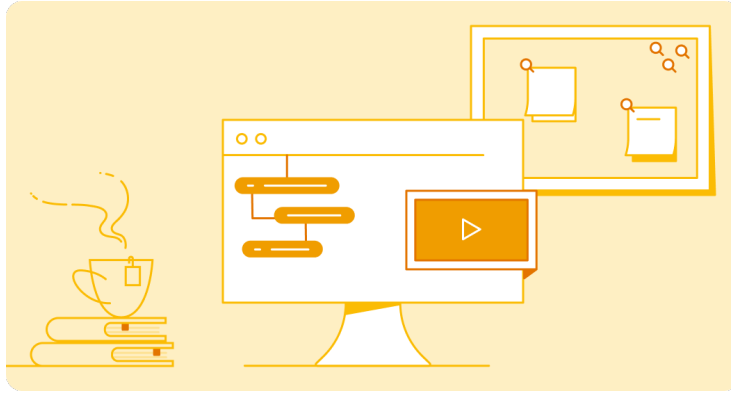
book Course

access_time 6 hours

show_chart Intermediate

This is the second Quest in a two-part series on Google Cloud billing and cost management essentials. This Quest is most suitable for those in a Finance and/or IT related role responsible for optimizing their organization's cloud infrastructure. Here you'll...

Start course



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03 Exploring Cost-optimization for GKE Virtual Machines

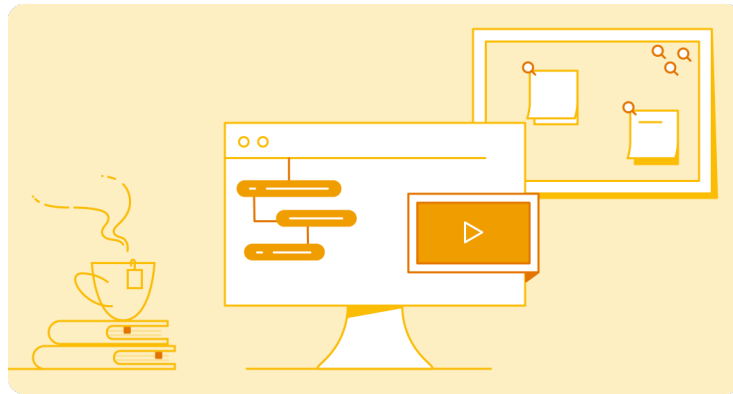
book Lab

access_time 1 hour 30
minutes

show_chart Intermediate

In this hands-on lab, you'll learn how to determine and select the the most cost effective machine type for a GKE application. You will also explore the pros and cons of a multi-zonal cluster.

Start lab



(/focuses/20936?parent=catalog&path=108)

04 GKE Autopilot: Qwik Start

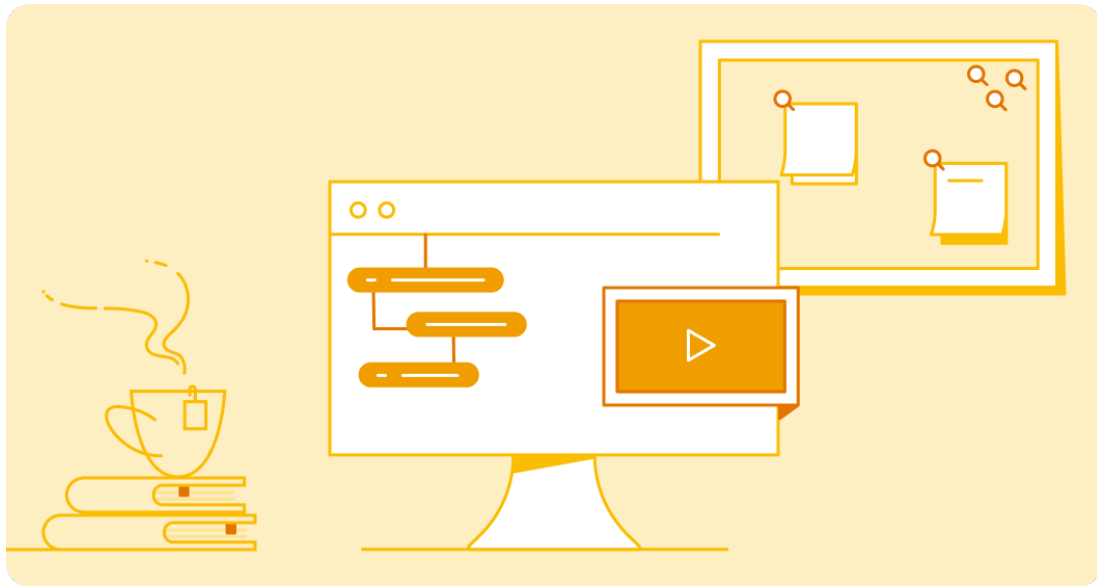
book Lab

access_time 45 minutes

show_chart Introductory

GKE Autopilot provides a managed environment for deploying, managing, and scaling your containerized applications using Google infrastructure.

Start lab



05 A Tour of Google Cloud Sustainability

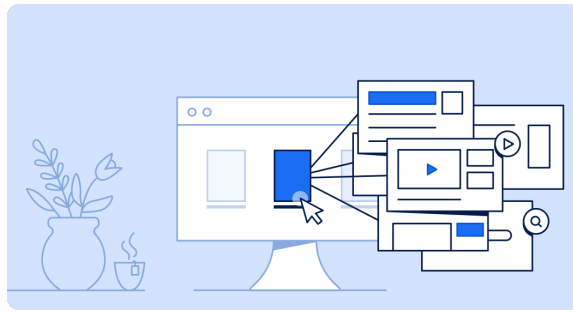
book Lab

access_time 1 hour

show_chart Introductory

In this hands-on lab, you will learn why Google Cloud is the cleanest cloud in the industry by exploring and utilizing sustainability tools..

[Start lab](#)



(/paths/108/course_templates/856)

06 DEPRECATED Network Performance and Optimization

book Course

access_time 4 hours

show_chart Intermediate

If you want to take your Google Cloud networking skills to the next level, look no further. This course is composed of labs that cover real-life use cases and it will teach you best practices for overcoming common networking bottlenecks....

[Start course](#)



(/paths/108/course_templates/254)

07 API Design and Fundamentals of Google Cloud's Apigee API Platform

book Course

access_time 8 hours

show_chart Introductory

In this course, you learn how to design APIs, and how to use OpenAPI specifications to document them. You learn about the API life cycle, and how the Apigee API platform helps you manage all aspects of the life cycle....

Start course