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Google Cloud

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Cloud Architect Accelerated Learning Path for Azure professionals

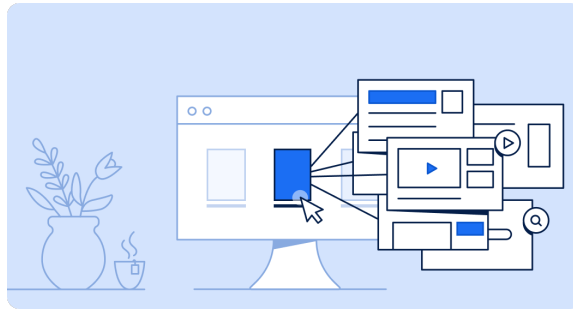
school 13
activities

update Last updated
almost 2 years

person Managed by
Google Cloud

This learning path helps Azure professionals translate their existing Azure knowledge to Google Cloud knowledge, while also preparing them for the Professional Google Cloud Architect Certification. The learning path provides an understanding of how Google Cloud technologies compare with Azure, and guides professionals on their use. Upon completion, we invite you to continue your multi-cloud education with BigQuery Fundamentals courses. After that, validate your skills with our Build and Optimize Data Warehouses with BigQuery skill badge.

[Start learning path](#)



(/paths/126/course_templates/520)

01 Google Cloud IAM and Networking for Azure Professionals

book Course

access_time 8 hours

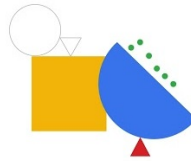
show_chart Introductory

This is the first course of a four-course series for cloud architects and engineers with existing Azure knowledge, and it compares Google Cloud and Azure solutions and guides professionals on their use. This course focuses on Identity and Access Management...

Start course

Google Cloud

Logging and Monitoring
in Google Cloud



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02 Logging and Monitoring in Google Cloud

book Course

access_time 8 hours 30
minutes

show_chart Introductory

This course teaches participants techniques for monitoring and improving infrastructure and application performance in Google Cloud. Using a combination of presentations, demos, hands-on labs, and real-world case studies, attendees gain experience with full-stack monitoring, real-time log management and analysis, debugging...

Start course

Choose the best storage and deployment services
using objective criteria



(/paths/126/course_templates/41)

03 Reliable Google Cloud Infrastructure: Design and Process

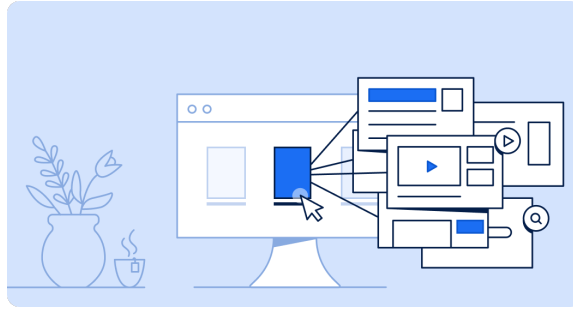
book Course

access_time 14 hours

show_chart Advanced

This course equips students to build highly reliable and efficient solutions on Google Cloud using proven design patterns. It is a continuation of the Architecting with Google Compute Engine or Architecting with Google Kubernetes Engine courses and assumes hands-on experience...

Start course



(/paths/126/course_templates/688)

04 Build Google Cloud Infrastructure for Azure Professionals

book Course

access_time 3 hours 15
minutes

show_chart Intermediate

Earn a skill badge by completing the Build Google Cloud Infrastructure for Azure Professionals course, where you learn how to configure IAM permission, orchestrate workloads using Kubernetes, host a web application using compute engine, and configure load balancing. A skill...

Start course



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05 Implement Cloud Security Fundamentals on Google Cloud

book Course

access_time 8 hours 15
minutes

show_chart Intermediate

Complete the intermediate Implement Cloud Security Fundamentals on Google Cloud skill badge to demonstrate skills in the following: creating and assigning roles with Identity and Access Management (IAM); creating and managing service accounts; enabling private connectivity across virtual private cloud...

Start course



06 Optimize Costs for Google Kubernetes Engine

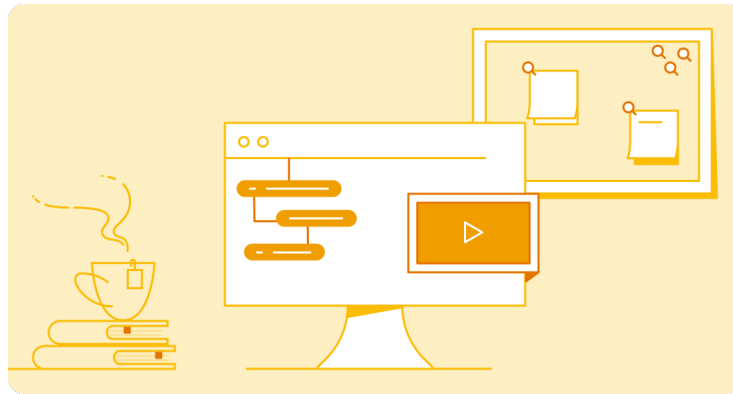
book Course

access_time 7 hours 45
minutes

show_chart Intermediate

Complete the intermediate Optimize Costs for Google Kubernetes Engine skill badge to demonstrate skills in the following: creating and managing multi-tenant clusters, monitoring resource usage by namespace, configuring cluster and pod autoscaling for efficiency, setting up load balancing for optimal...

Start course



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07 Set Up an App Dev Environment on Google Cloud: Challenge Lab

book Lab

access_time 1 hour

show_chart Introductory

This challenge lab tests your skills and knowledge from the labs in the Perform Foundational Infrastructure Tasks in Google Cloud skill badge. You should be familiar with the content of labs before attempting this lab.

Start lab



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08 Cloud Architecture: Design, Implement, and Manage

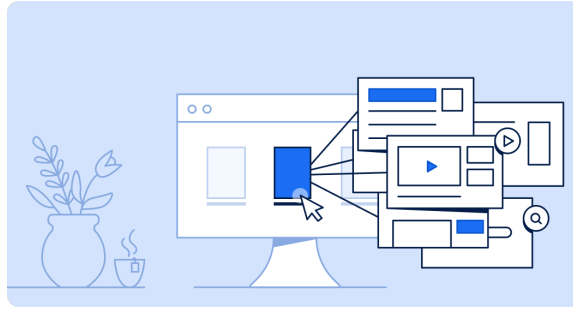
book Course

access_time 6 hours 30
minutes

show_chart Intermediate

Earn a skill badge by completing the Cloud Architecture: Design, Implement, and Manage to demonstrate skills in the following: deploy a publicly accessible website using Apache web servers, configure a Compute Engine VM using startup scripts, configure secure RDP using...

[Start course](#)



(/paths/126/course_templates/512)

09 BigQuery Fundamentals for Redshift Professionals

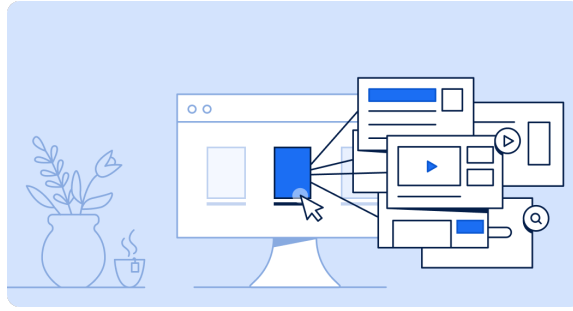
book Course

access_time 16 hours

show_chart Introductory

This course covers BigQuery fundamentals for professionals who are familiar with SQL-based cloud data warehouses in Redshift and want to begin working in BigQuery. Through interactive lecture content and hands-on labs, you learn how to provision resources, create and share...

Start course



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10 BigQuery Fundamentals for Teradata Professionals

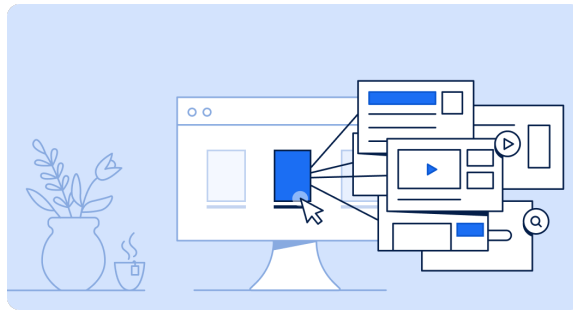
book Course

access_time 16 hours

show_chart Introductory

This course covers BigQuery fundamentals for professionals who are familiar with SQL-based cloud data warehouses in Teradata and want to begin working in BigQuery. Through interactive lecture content and hands-on labs, you learn how to provision resources, create and share...

Start course



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11 BigQuery Fundamentals for Oracle Professionals

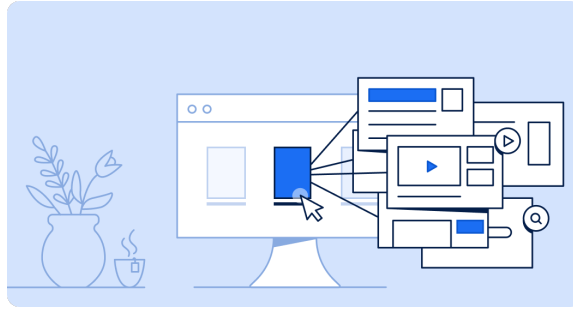
book Course

access_time 16 hours

show_chart Introductory

This course covers BigQuery fundamentals for professionals who are familiar with SQL-based cloud data warehouses in Oracle and want to begin working in BigQuery. Through interactive lecture content and hands-on labs, you learn how to provision resources, create and share...

Start course



(/paths/126/course_templates/514)

12 BigQuery Fundamentals for Snowflake Professionals

book Course

access_time 16 hours

show_chart Introductory

This course covers BigQuery fundamentals for professionals who are familiar with SQL-based cloud data warehouses in Snowflake and want to begin working in BigQuery. Through interactive lecture content and hands-on labs, you learn how to provision resources, create and share...

[Start course](#)