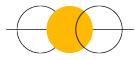Google Cloud

Google Cloud (/)

Share on LinkedIn Feed Twitter Facebook

Apply your skills in Google Cloud console

Cloud Architect Accelerated Learning Path for AWS professionals
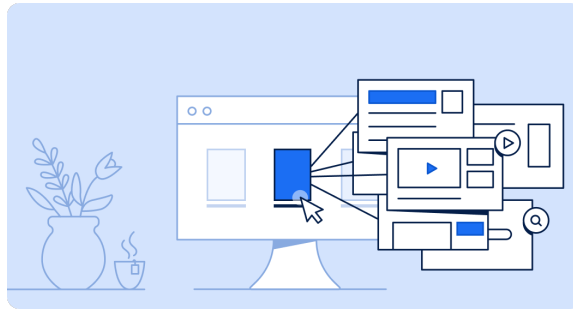
school **13 activities**   update **Last updated almost 2 years**   person **Managed by Google Cloud**

This learning path helps AWS professionals translate their existing AWS knowledge to Google Cloud knowledge, while also preparing them for the Professional Google Cloud Architect Certification. Upon completion, we invite you to continue your multicloud education with the following courses and skill badge: BigQuery Fundamentals for Redshift Professionals (https://www.cloudskillsboost.google/course_templates/512) BigQuery Fundamentals for Teradata Professionals (https://www.cloudskillsboost.google/course_templates/513) BigQuery Fundamentals for Oracle Professionals (https://www.cloudskillsboost.google/course_templates/515) BigQuery Fundamentals for Snowflake Professionals (https://www.cloudskillsboost.google/course_templates/514), and Build and Optimize Data Warehouses with BigQuery (https://www.cloudskillsboost.google/quests/147)

Start learning path

(/paths/125/course_templates/522)

01 Google Cloud IAM and Networking for AWS Professionals
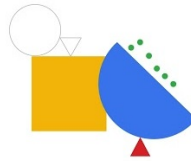
book Course
access_time 8 hours
show_chart Introductory

This is the first course of a four-course series for cloud architects and engineers with existing AWS knowledge, and it compares Google Cloud and AWS 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

(/paths/125/course_templates/99)

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

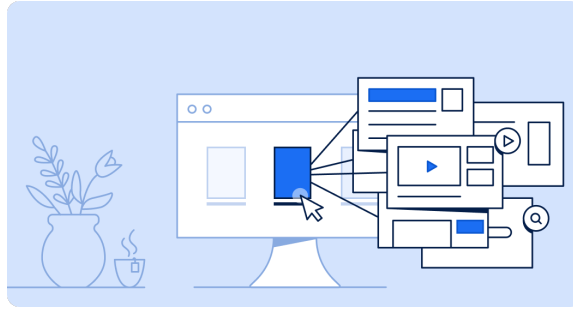# 03 Reliable Google Cloud Infrastructure: Design and Process

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/125/course_templates/687)

04 Build Google Cloud Infrastructure for AWS Professionals

book Course

access_time 3 hours 45 minutes

show_chart Intermediate

Earn a skill badge by completing the Build Google Cloud Infrastructure for AWS 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

(/paths/125/course_templates/645)

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

(/paths/125/course_templates/655)

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

(/paths/125/course_templates/637)

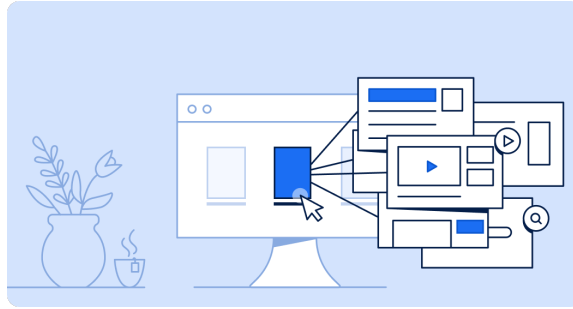# 07 Set Up an App Dev Environment on Google Cloud

book Course
access_time 4 hours
show_chart Introductory

Earn a skill badge by completing the Set Up an App Dev Environment on Google Cloud course, where you learn how to build and connect storage-centric cloud infrastructure using the basic capabilities of the of the following technologies: Cloud Storage,...

Start course

08 Cloud Architecture: Design, Implement, and Manage
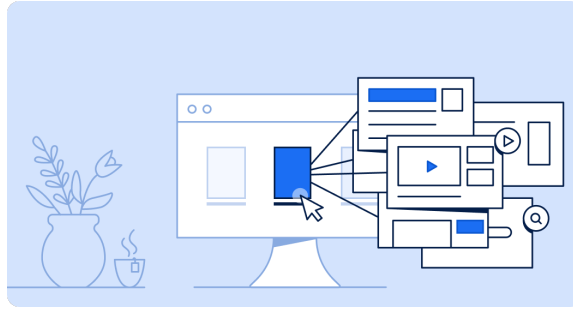
book Course

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/125/course_templates/512)

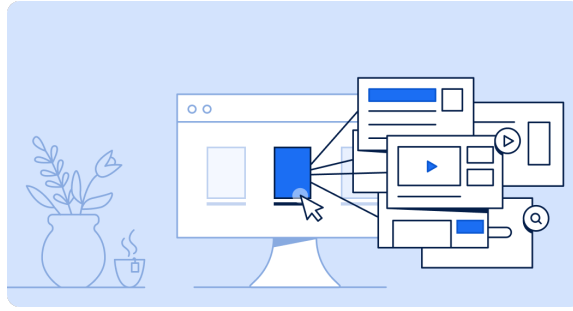## 09 BigQuery Fundamentals for Redshift Professionals

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

(/paths/125/course_templates/513)

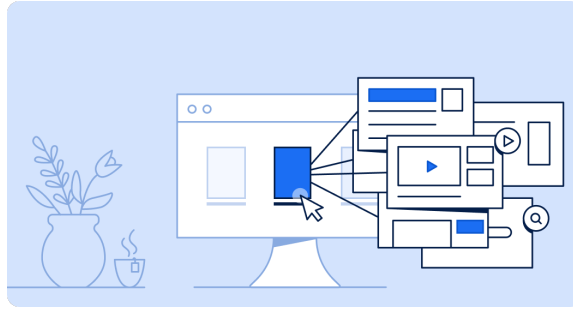# 10 BigQuery Fundamentals for Teradata Professionals

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

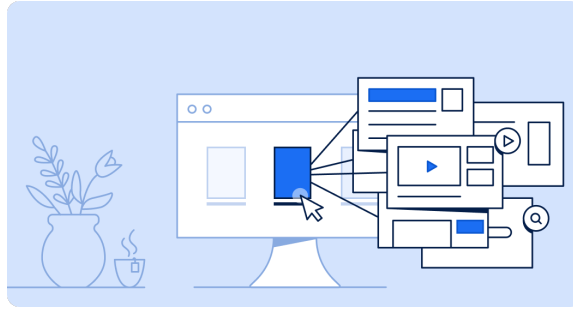# 11 BigQuery Fundamentals for Oracle Professionals

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

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