Google Cloud Learning paths

Proprietary & Confidential
Last modified: September 2026

Cloud Learning Services 2026

Google Cloud

Pick your learning path

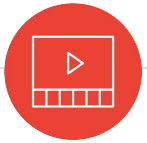
- Infrastructure Modernization
- Networking
- Security
- Application Modernization
- Artificial Intelligence
- Data Analytics
- Workspace
- Tech Adiacent
- Product Based

Proprietary & Confidential

Build Skills with Google Cloud Learning

Instructor-led

Our Authorized training partners (ATPs) deliver high-quality content live or in a virtual classroom.



On-demand

Learn anytime, anywhere with training developed and delivered for training at scale.

Hands-on labs

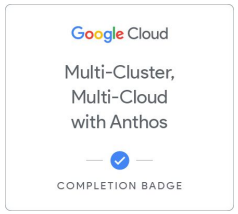
Our robust portfolio of labs lets you practice a skill in a sandbox environment.

Credentials and certifications

Our certifications and credentials are a benchmark to measure cloud skills proficiency.

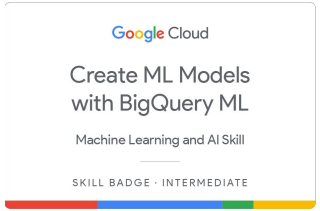
Learn more at cloud.google.com/training

Google Cloud Credentials & Certifications



Completion Badges

Reward learner for engagement and completion of learning activities



Skill badges

Recognize learner's knowledge and hands-on skills with Google Cloud demonstrated by the completion of a learning and skills assessment

Certifications

Validate and mastered the knowledge and skills at performing an end-to-end job role using Google Cloud technology

01

Solution and Role Based

Expanded Learning paths

01.1

Infrastructure Modernization

Expanded Learning paths

Infrastructure Modernization

Cloud Engineer, Cloud Admin

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

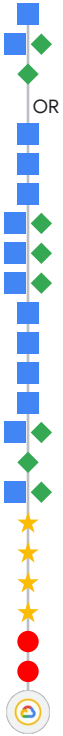
Overview

A cloud engineer configures, sets up, and deploys cloud solutions.

What will you learn
Google Compute Engine, Cloud Logging, Cloud Monitoring;
Google Cloud Storage, and more.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet
GS Google Skills



Build a Certification Study Guide: ACE Exam Prep		GS
Google Cloud Fundamentals: Core Infrastructure | ⧗ 1 DAY	DS	GS
Architecting with Google Compute Engine | ⧗ 3 DAYS	DS	
OR		
Essential Google Cloud Infrastructure: Foundation		GS
Essential Google Cloud Infrastructure: Core Services		GS
Elastic Google Cloud Infrastructure: Scaling and Automation		GS
Getting started with Google Kubernetes Engine | ⧗ 1 DAY	DS	GS
Application Development with Cloud Run | ⧗ 1.5 DAYS	DS	GS
Developing Applications with Cloud Run Functions on Google Cloud	DS	GS
Select a Google Cloud Database for Your Applications	DS	GS
AI Infrastructure: Cloud GPUs	DS	GS
AI Infrastructure: Cloud TPUs	DS	GS
AI Infrastructure: Deployment Types	DS	GS
Logging, Monitoring, and Observability in Google Cloud ⧗ 2 Days	DS	GS
Technical Foundations of FinOps on Google Cloud | ⧗ 2 DAYS	DS	
Getting Started with Terraform for Google Cloud	DS	GS
Implement Load Balancing on Compute Engine		GS
Deploy Kubernetes Applications on Google Cloud		GS
Develop Your Google Cloud Network		GS
Build Infrastructure with Terraform on Google Cloud		GS
Associate Cloud Engineer Exam Guide		Link
Associate Cloud Engineer Sample Questions		Link
Associate Cloud Engineer		Link

Infrastructure Modernization

Cloud Architect

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A Cloud Architect designs, develops, and manages robust, secure, scalable, and dynamic solutions.

What will you learn
Google Compute Engine, GKE, Cloud Logging, Cloud Monitoring;
Terraform, and more.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet
GS Google Skills

Build a Certification Study Guide: PCA Exam Prep		GS
Google Cloud Fundamentals: Core Infrastructure | ⧗ 1 DAY	DS	GS
Architecting with Google Compute Engine | ⧗ 3 DAYS	DS	
Networking in Google Cloud: Network Architecture	DS	GS
Essential Google Cloud Infrastructure: Foundation		GS
Essential Google Cloud Infrastructure: Core Services		GS
Elastic Google Cloud Infrastructure: Scaling and Automation		GS
Networking in Google Cloud: Fundamentals	DS	GS
Networking in Google Cloud: Network Architecture	DS	GS
Networking in Google cloud: Hybrid and Multicloud	DS	GS
Architecting with Google Cloud Design and Process | ⧗ 2 DAYS	DS	GS
Manage Scalable Workloads in GKE | ⧗ 3 DAYS	DS	GS
Application Development with Cloud Run | ⧗ 2 DAYS	DS	GS
Introduction to Data Engineering on Google Cloud | ⧗ 1 DAY	DS	GS
Introduction to AI and Machine Learning on Google Cloud | ⧗ 1 DAY	DS	GS
Managing Security in Google Cloud		GS
Getting Started with Terraform for Google Cloud | ⧗ 1 DAY	DS	GS
Logging, Monitoring, and Observability in Google Cloud ⧗ 2 Days	DS	GS
Technical Foundations of FinOps on Google Cloud | ⧗ 2 DAYS	DS	
Implement Load Balancing on Compute Engine		GS
Manage Kubernetes in Google Cloud		GS
Build a Secure Google Cloud Network		GS
Develop Serverless Applications on Cloud Run		GS
Implement Cloud Security Fundamentals on Google Cloud		GS
Build Infrastructure with Terraform on Google Cloud		GS
Professional Cloud Architect Exam Guide		Link
Professional Cloud Architect Sample Questions		Link
Professional Cloud Architect		Link

Infrastructure Modernization

GKE Operations

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

Overview

Deploy, manage, and scale containerized applications using Kubernetes orchestration platform, on Google's infrastructure.

What will you learn

- Google Kubernetes Engine;
- Scaling deployments on Google Kubernetes Engine and more.

On-demand		DS	Data Sheet
Virtual/Classroom		GS	Google Skills
Spark			
Skill badge			
Self-paced Labs			
Resource			

Google Cloud Fundamentals: Core Infrastructure | ⧗ 1 DAY	DS	GS
Getting started with Google Kubernetes Engine | ⧗ 1 DAY	DS	GS
Architecting with Google Kubernetes Engine | ⧗ 2 DAYS	DS	
Architecting with Google Kubernetes Engine: Workloads		GS
Architecting with Google Kubernetes Engine: Production		GS
Manage Scalable Workloads in GKE	DS	GS
Manage Kubernetes in Google Cloud		GS
Google Kubernetes Engine Best Practices: Security		GS
Optimize Costs for Google Kubernetes Engine		GS
Deploy Kubernetes Applications on Google Cloud		GS
GKE Routing and IP Address Management	DS	GS

Google Cloud Infrastructure
for AWS professionals

Cloud Engineer, Cloud Architect

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

In this path, you will apply the knowledge of concepts and technologies in AWS to see how they differ from Google Cloud. Learners will get hands-on practice building and managing Google Cloud resources.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet
GS Google Skills

Google Cloud Infrastructure for AWS Professionals | ⧗ 2 DAYS	DS	GS
Logging, Monitoring, and Observability in Google Cloud ⧗ 2 Days	DS	GS
Architecting with Google Cloud Design and Process | ⧗ 2 DAYS	DS	GS
Build Infrastructure with Terraform on Google Cloud		GS
Implement Cloud Security Fundamentals on Google Cloud		GS
Optimize Costs for Google Kubernetes Engine		GS
Set Up an App Dev Environment on Google Cloud		GS
Cloud Architecture: Design, Implement, and Manage		GS
Professional Cloud Architect Exam Guide		Link
Professional Cloud Architect Sample Questions		Link
Professional Cloud Architect		Link

Google Cloud Infrastructure
for Azure professionals

Cloud Engineer, Cloud Architect

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

In this path, you will apply the knowledge of concepts and technologies in Azure to see how they differ from Google Cloud. Learners will get hands-on practice building and managing Google Cloud resources.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet
GS Google Skills

Google Cloud Infrastructure for Azure Professionals | ⧗ 2 DAYS	DS	GS
Logging, Monitoring, and Observability in Google Cloud ⧗ 2 Days	DS	GS
Architecting with Google Cloud Design and Process | ⧗ 2 DAYS	DS	GS
Implement Cloud Security Fundamentals on Google Cloud		GS
Optimize Costs for Google Kubernetes Engine		GS
Set Up an App Dev Environment on Google Cloud		GS
Cloud Architecture: Design, Implement, and Manage		GS
Professional Cloud Architect Exam Guide		Link
Professional Cloud Architect Sample Questions		Link
Professional Cloud Architect		Link

01.1

AI Infrastructure

Expanded Learning paths

Google Cloud AI Infrastructure

Cloud Architect, Cloud Engineer

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

This learning path, designed for intermediate to advanced technical learners, offers on-demand courses to specialize in AI Infrastructure on Google Cloud. You'll gain the knowledge and skills to design and deploy high-performance AI/ML solutions using Google Cloud's AI Hypercomputer, GPUs, TPUs, Compute, and Google Kubernetes Engine

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

- Introduction to AI Hypercomputer | ⧗ 30 MINUTES — DS GS
- Cloud GPUs| ⧗ 10 MINUTES — DS GS
- Cloud TPUs| ⧗ 30 MINUTES — DS GS
- Deployment Types | ⧗ 45 MINUTES — DS GS
- Storage Options | ⧗ 45 MINUTES — DS GS
- Networking Techniques | ⧗ 45 MINUTES — DS GS

01.2

Networking

Expanded Learning paths

Networking

Network Engineer, Network Operations

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A Network Engineer configures, maintains, and troubleshoots network components of their cloud-based infrastructure. This learning path prepares you for the PCNE.

What will you learn

- Design and implement networks in Google Cloud
- VPCs, Cloud DNS, Cloud IAM, Networking, Cloud Armor, Cloud Shell, Cloud Interconnect, Network Connectivity Center

On-demand		DS	Data Sheet
Virtual/Classroom		GS	Google Skills
Spark			
Skill badge			
Self-paced Labs			
Resource			

View on Google Skills

Build a Certification Study Guide: PCNE Exam Prep		DS	GS
Google Cloud Fundamentals: Core Infrastructure ⧗ 1 Day		DS	GS
Networking in Google Cloud 3.0 ⧗ 3 Days		DS	GS
Logging, Monitoring, and Observability in Google Cloud ⧗ 2 Days		DS	GS
Gemini for Network Engineers			GS
Implement Cloud Next Generation Firewall		DS	GS
Implement Load Balancing on Compute Engine			GS
Build a Secure Google Cloud Network			GS
Connecting Cloud Networks with Network Connectivity Center			GS
Professional Cloud Network Engineer Exam Guide			Link
Professional Cloud Network Engineer Sample Questions			Link
Professional Cloud Network Engineer Certification			Link

Networking

Cross-Cloud Network

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

The Cross-Cloud Network learning path will teach cloud professionals how to build, manage, and secure a unified network that spans Google Cloud, other cloud providers, and on-premises data centers.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

View on Google Skills

Networking in Google Cloud 3.0 ⧗ 3 Days	DS	GS
Network Observability on Google Cloud	DS	GS
GKE Routing and IP Address Management	DS	GS
Build Infrastructure with Terraform on Google Cloud		GS
Connecting Cloud Networks with Network Connectivity Center		GS
Plan Your Cloud Next Generation Firewall	DS	GS
Google Cloud IAM and Networking for AWS Professionals	DS	GS
Google Cloud IAM and Networking for Azure Professionals	DS	GS
Secure Networks for Databases		GS

Networking

Network Security

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

The Network Security solutions provide cloud professionals with the skills to build, configure, and maintain the network security in their infrastructure.
- Cloud NGFW, Cloud Armor, Securing VPC networks
- Cloud IDS, VPC Service Controls, and Cloud NAT

■	On-demand	DS	Data Sheet
◆	Virtual/Classroom	GS	Google Skills
⚡	Spark		
★	Skill badge		
✦	Self-paced Labs		
●	Resource		

View on Google Skills

■	Networking in Google Cloud: Network Architecture	DS	GS
★	Implement Cloud Security Fundamentals on Google Cloud		GS
■	Implement Cloud Next Generation Firewall	DS	GS
■	Secure GKE with Cloud Next Generation Firewall	DS	GS
✦	Securing your Network with Cloud Armor		GS
★	Design and Implement Network Security in Google Cloud		GS

Networking

Network Observability

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

The Network Observability solutions learning path provides cloud professionals with the skills to monitor, diagnose any issues and optimize global performance of the network traffic in their infrastructure.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

View on Google Skills

Networking in Google Cloud: Fundamentals	DS	GS
Network Observability on Google Cloud	DS	GS
Logging, Monitoring, and Observability in Google Cloud ⧗ 2 Days	DS	GS
Optimize VPC Traffic with Flow Analyzer		GS
Introduction to GKE Networking	DS	GS
GKE Routing and IP Address Management	DS	GS

01.3

Security

Expanded Learning paths

Security

Security Engineer

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A Security Engineer develops, implements, and monitors their organization's security infrastructure to protect sensitive information.

What will you learn
-Google Kubernetes Engine, Cloud Shell, virtual machines;
-Cloud Functions, IAM, and more.

On-demand		DS	Data Sheet
Virtual/Classroom		GS	Google Skills
Spark			
Skill badge			
Self-paced Labs			
Resource			

View on Google Skills

Preparing for Your Professional Cloud Security Engineer Journey | ⧗ 1 DAY	DS	GS
Google Cloud Fundamentals: Core Infrastructure | ⧗ 1 DAY	DS	GS
Introduction to Security in the World of AI	DS	GS
Networking in Google Cloud 3.0 | ⧗ 3 DAYS	DS	GS
Security in Google Cloud | ⧗ 3 DAYS	DS	GS
Managing Security in Google Cloud		GS
Security Best Practices in Google Cloud		GS
Mitigating Security Vulnerabilities on Google Cloud Platform		GS
Logging, Monitoring, and Observability in Google Cloud | ⧗ 2 DAYS	DS	GS
Build a Secure Google Cloud Network		GS
Implement Cloud Security Fundamentals on Google Cloud		GS
Google Kubernetes Engine Best Practices: Security		GS
Securing your Network with Cloud Armor		GS
Mitigate Threats and Vulnerabilities with Security Command Center		GS
Professional Cloud Security Engineer Exam Guide		Link
Professional Cloud Security Engineer Sample Questions		Link
Professional Cloud Security Engineer		Link

Security

Security Operations

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

This learning path guides you through the foundation and intermediate topics of security operations across Google Cloud. It covers numerous product stacks that are involved directly in proactive and reactive security operations.

What will you learn
-Security operations;
-SecOps, SCC, GTI and modern security operations

On-demand		DS	Data Sheet
Virtual/Classroom		GS	Google Skills
Spark			
Skill badge			
Self-paced Labs			
Resource			

View on Google Skills

Build a PSOE Certification Study Guide		GS
Getting Started with Security Command Center Enterprise		GS
Security Command Center Fundamentals		GS
Security Command Center: Identify and Prioritize Risks		GS
Security Command Center: Vulnerabilities and Misconfigurations		GS
Google Threat Intelligence		GS
Introduction to Google Security Operations: Unified SecOps		GS
Google Security Operations - Deep Dive		GS
Introduction Google Security Operations (SOAR)		GS
Introduction to Google Security Operations (SIEM)		GS
Model Armor: Securing AI Deployments	DS	GS
Modern Security Operations		GS
Navigate Security Decisions with Gemini		GS
Explore false positives through incident detection		GS
Mitigate Threats and Vulnerabilities with Security Command Center		GS
Professional Security Operations Engineer Exam Guide		Link
Professional Security Operations Engineer Sample Ques		Link
Professional Security Operations Engineer		Link

Security

DevSecOps

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

A DevSecOps develops, implements, and monitors their organization's security infrastructure to protect sensitive information.

What will you learn
-Google Kubernetes Engine (GKE)
-Google Cloud Security, DevOps
-CI/CD and how they all work together to secure containers and GKE in Google Cloud.

On-demand		DS	Data Sheet
Virtual/Classroom		GS	Google Skills
Spark			
Skill badge			
Self-paced Labs			
Resource			

View on Google Skills

Google Cloud Fundamentals: Core Infrastructure | ⧗ 1 DAY	DS	GS
Architecting with Google Kubernetes Engine | ⧗ 2 DAYS	DS	GS
Getting Started with Google Kubernetes Engine		GS
Architecting with Google Kubernetes Engine: Workloads		GS
Architecting with Google Kubernetes Engine: Production		GS
Security in Google Cloud | ⧗ 3 DAYS	DS	GS
Managing Security in Google Cloud		GS
Security Best Practices in Google Cloud		GS
Mitigating Security Vulnerabilities on Google Cloud Platform		GS
Getting Started with Terraform for Google Cloud | ⧗ 1 DAY	DS	GS
Security and Identity fundamentals		GS
Implement CI/CD Pipelines on Google Cloud		GS
DevOps Essentials		GS
Google Kubernetes Engine Best Practices: Security		GS
Mitigate Threats and Vulnerabilities with Security Command Center		GS

01.4

Application Modernization

Expanded Learning paths

Application Modernization

Professional Cloud Developer

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

A Cloud Developer designs, builds, analyzes, and maintains cloud-native applications.

What will you learn
- Google Compute Engine, Cloud Logging, Cloud Monitoring;
- Google Cloud Storage, and more.

On-demand
Virtual/Classroom
Spark
Skill badge
Self-paced Labs
Resource

DS Data Sheet
GS Google Skills

View on Google Skills

Build a Certification Study Guide: PCD Exam Prep		GS
Google Cloud Fundamentals: Core Infrastructure | ⧗ 1 DAY	DS	GS
Developing Applications with Google Cloud | ⧗ 3 DAYS	DS	
OR		
| Developing Applications with Google Cloud: Foundations	DS	GS
| Service Orchestration and Choreography on Google Cloud	DS	GS
| Developing Applications with Cloud Functions on Google Cloud	DS	GS
Application Development with Cloud Run | ⧗ 1.5 DAYS	DS	GS
Getting started with Google Kubernetes Engine | ⧗ 1 DAY	DS	GS
Integrating Applications with Gemini 1.0 Pro on Google Cloud	DS	GS
Accelerate App Development with Gemini CLI	DS	GS
Develop Serverless Applications on Cloud Run		GS
Develop and Secure APIs with Apigee X		GS
Deploy Kubernetes Applications on Google Cloud		GS
Professional Cloud Developer Exam Guide		Link
Professional Cloud Developer Sample Questions		Link
Professional Cloud Developer		Link

Application Modernization

DevOps Engineer, SRE

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A DevOps Engineer is responsible for implementing best practices for efficient software delivery and infrastructure mgmt.

What will you learn
- Google App Engine, Site Reliability Engineering (SRE);
- Google Kubernetes Engine, and more.

On-demand		DS	Data Sheet
Virtual/Classroom		GS	Google Skills
Spark			
Skill badge			
Self-paced Labs			
Resource			

Build a Certification Study Guide: PCDOE Exam Prep		GS
Google Cloud Fundamentals: Core Infrastructure | ⧗ 1 DAY	DS	GS
Developing a Google SRE Culture	DS	GS
Architecting with Google Cloud Design and Process | ⧗ 2 DAYS	DS	GS
Logging, Monitoring, and Observability in Google Cloud | ⧗ 2 DAYS	DS	GS
Getting Started with Terraform for Google Cloud | ⧗ 1 DAY	DS	GS
Reliable Google Cloud Infrastructure: Design and Process		GS
Set Up an App Dev Environment on Google Cloud		GS
Implement DevOps Workflows in Google Cloud		GS
Monitor and Log with Google Cloud Operations Suite		GS
Using DevSecOps in your Google Cloud Environment		GS
Build Infrastructure with Terraform on Google Cloud		GS
Professional Cloud DevOps Engineer Exam Guide		GS
Professional Cloud DevOps Engineer Sample Questions		GS
Professional Cloud DevOps Engineer		GS

Application Modernization

API Developer

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

An API Developer designs and develops secure and efficient application programming interfaces on the Google Cloud Platform.

What will you learn
- Apigee API Management Platform;
- Cloud business applications;
- Google Kubernetes Engine, and more.

On-demand

Virtual/Classroom

Spark

Skill badge

Self-paced Labs

Resource

DS Data Sheet

GS Google Skills

Developing APIs with Google Cloud's Apigee API Platform | ⧗ 3 DAYS DS GS

OR

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

API Security on Google Cloud's Apigee API Platform GS

API Development on Google Cloud's Apigee API Platform GS

Building Solutions on Apigee X | ⧗ 3 DAYS DS

Develop and Secure APIs with Apigee X GS

Deploy and Manage Apigee X GS

Application Modernization

API Architect / Engineer

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

A Cloud Architect/Engineer on Apigee utilizes the Apigee API Platform to enhance their cloud architecture and enterprise solutions.

What will you learn
- Apigee API Management Platform;
- Cloud business applications;
- Google Kubernetes Engine, and more.

On-demand		DS	Data Sheet
Virtual/Classroom		GS	Google Skills
Spark			
Skill badge			
Self-paced Labs			
Resource			

Developing APIs with Google Cloud's Apigee API Platform | ⧗ 3 DAYS	DS	GS
OR		
API Design and Fundamentals of Google Cloud's Apigee API Platform	DS	GS
API Security on Google Cloud's Apigee API Platform	DS	GS
API Development on Google Cloud's Apigee API Platform	DS	GS
Architecting with Google Kubernetes Engine | ⧗ 2 DAYS	DS	GS
OR		
Getting Started with Google Kubernetes Engine	DS	GS
Architecting with Google Kubernetes Engine: Workloads	DS	GS
Architecting with Google Kubernetes Engine: Production	DS	GS
Managing Google Cloud's Apigee API Platform for Hybrid Cloud | ⧗ 3 DAYS	DS	GS
OR		
Architecting and Installing the Apigee Hybrid API Platform	DS	GS
Managing and Securing the Apigee Hybrid API Platform	DS	GS
Upgrading and Monitoring the Apigee Hybrid API Platform	DS	GS
Develop and Secure APIs with Apigee X		GS
Deploy and Manage Apigee X		GS

01.5

Database

Expanded Learning paths

Database

Data Practitioner

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

Overview

A Data Practitioner possesses the digital skills to work collaboratively and productively in a professional environment.

What will you learn

Deriving insights from BigQuery & preparing data for Looker

Cloud storage and key application services, Cloud Security Fundamentals

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

- Introduction to Data Engineering on Google Cloud | ⧗ 1 DAY — DS GS
- Derive Insights from BigQuery Data — GS
- Prepare Data for Looker Dashboards and Reports — GS
- Introduction to AI and Machine Learning on Google Cloud | ⧗ 1 DAY — DS GS
- Baseline: Infrastructure — GS
- Implement Cloud Security Fundamentals on Google Cloud — GS
- Optimizing Cost with Google Cloud Storage — GS
- Associate Data Practitioner Exam Guide — Link
- Associate Data Practitioner Sample Questions — Link
- Associate Data Practitioner — Link

Database

Database Engineer

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

Overview

A Database Engineer designs, creates, manages, migrates, and troubleshoots databases used by applications to store and retrieve data.

What will you learn

Google Cloud storage and database services

Data migration and replication strategies

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

Preparing for your Professional Database Engineer Journey | ⧗ 1 DAY		GS
Google Cloud Fundamentals: Core Infrastructure | ⧗ 1 DAY	DS	GS
Select a Google Cloud Database for Your Applications	DS	GS
Google Cloud Database Migrations: Strategy		GS
Google Cloud Database Migrations: Homogeneous		GS
Google Cloud Database Migrations: Heterogeneous		GS
AI-powered Database Management with Gemini		GS
Understanding Cloud Spanner| ⧗ 3 DAYS	DS	
Migrate MySQL data to Cloud SQL using Database Migration Service		GS
Manage PostgreSQL Databases on Cloud SQL		GS
Create and Manage Cloud Spanner Databases		GS
Manage Bigtable on Google Cloud		GS
Create and Manage AlloyDB Databases		GS
Professional Cloud Database Engineer Exam Guide		Link
Professional Cloud Database Engineer Sample Questions		Link
Professional Cloud Database Engineer		Link

01.6

Data Analytics

Expanded Learning paths

Data Analytics

Data Engineer

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A Data Engineer designs and builds systems that collect and transform the data used to inform business decisions.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

[View on Google Skills]

Preparing for your Professional Data Engineer Journey	DS	GS
Data Engineering on Google Cloud | ⧗ 4 DAYS	DS	
Introduction to Data Engineering on Google Cloud	DS	GS
Build Data Lakes and Data Warehouses on Google Cloud	DS	GS
Build Batch Data Pipelines on Google Cloud	DS	GS
Build Streaming Data Pipelines on Google Cloud	DS	GS
Data Warehousing with BigQuery: Storage Design, Query Optimization, and Administrational | ⧗ 3 DAYS	DS	
Serverless Data Processing with Dataflow | ⧗ 3 DAYS	DS	
Serverless Data Processing with Dataflow: Foundations		GS
Serverless Data Processing with Dataflow: Develop Pipelines		GS
Serverless Data Processing with Dataflow: Operations		GS
Data Integration with Cloud Data Fusion | ⧗ 2 DAYS	DS	
Migrating Teradata Users to BigQuery | ⧗ 1 DAY	DS	
Migrating Snowflake Users to BigQuery | ⧗ 1 DAY	DS	
Migrating Amazon Redshift Users to BigQuery | ⧗ 1 DAY	DS	
Managing a Data Mesh with Dataplex | ⧗ 2 DAYS	DS	
Perform Foundational Data, ML, and AI Tasks in Google Cloud		GS
Build a Data Warehouse with BigQuery		GS
Engineer Data for Predictive Modeling with BigQuery ML		GS
Build a Data Mesh with Dataplex		GS
Boost Productivity with Gemini in BigQuery		GS
Professional Data Engineer Exam Guide		Link
Professional Data Engineer Sample Questions		Link
Professional Data Engineer		Link

Data Analytics

Data Analyst, BI Analyst

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

A Data Analyst gathers and analyzes data to identify trends and develops valuable insights to help solve problems.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

View on Google Skills

- Introduction to Data Analytics on Google Cloud | ⧗ 1 DAY — DS GS
- BigQuery for Data Analysts | ⧗ 2 DAYS — DS GS

OR

- Analyzing and Visualizing Data in Looker | ⧗ 1 DAY — DS GS
- Developing Data Models with LookML | ⧗ 1 DAY — DS GS
- Looker Developer Deep Dive | ⧗ 2 DAYS — DS
- Data Warehousing with BigQuery: Storage Design, Query Optimization, and Administration | ⧗ 3 DAYS — DS
- Integrate Generative AI Into Your Data Workflow — GS
- Perform Foundational Data, ML, and AI Tasks in Google Cloud — GS
- Analyzing and Visualizing Data in Looker — GS
- Derive Insights from BigQuery Data — GS
- Create ML Models with BigQuery ML — GS
- Manage Data Models in Looker — GS
- Applying Advanced LookML Concepts in Looker — GS
- Boost Productivity with Gemini in BigQuery — GS
- Work with Gemini Models in BigQuery — GS

01.7

Artificial Intelligence

Expanded Learning paths

Artificial Intelligence

ML Engineer

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A Machine Learning Engineer designs, builds, productionizes, optimizes, operates, and maintains ML systems. You will learn about Gemini Enterprise Agent Platform, BigQuery ML, AI Studio, Model Garden, Vector Search, APIs, and more.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

Build a Certification Study Guide: PMLE	DS	GS
Introduction to AI and Machine Learning on Google Cloud | ⧗ 1 DAY	DS	GS
Production Machine Learning Systems	DS	GS
Machine Learning Operations (MLOps): Getting Started	DS	GS
Machine Learning Operations (MLOps) with Agent Platform: Manage Features	DS	GS
Introduction to Generative AI	DS	GS
Introduction to Large Language Models	DS	GS
Machine Learning Operations (MLOps) for Generative AI	DS	GS
Machine Learning Operations (MLOps) with Agent Platform: Model Evaluation	DS	GS
Orchestrate ML Workflows with Agent Platform	DS	GS
Create Generative AI Apps on Google Cloud	DS	GS
Responsible AI for Developers: Fairness & Bias	DS	GS
Responsible AI for Developers: Interpretability & Transparency	DS	GS
Responsible AI for Developers: Privacy & Safety	DS	GS
Prepare Data for ML APIs on Google Cloud		GS
Create ML Models with BigQuery ML		GS
Engineer Data for Predictive Modeling with BigQuery ML		GS
Professional Machine Learning Engineer Exam Guide and Sample Questions		Link
Professional Machine Learning Engineer		Link
Advanced Solutions Lab (ASL)		Link

Artificial Intelligence

Data Scientist

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

A Data Scientist analyzes, explores, and experiments with data and develops ML models.
What will you learn
- Agent Platform, BigQuery ML, Dataflow;
- Agent Studio, Model Garden, Vector Search, APIs, and more.

On-demand		DS	Data Sheet
Virtual/Classroom		GS	Google Skills
Spark			
Skill badge			
Self-paced Labs			
Resource			

Introduction to AI and Machine Learning on Google Cloud | ⧗ 1 DAY	DS	GS
Scaling Data Science with Agents	DS	GS
Introduction to Vertex Forecasting and Time Series in Practice	DS	GS
Prepare Data for ML APIs on Google Cloud		GS
Create ML Models with BigQuery ML		GS
Engineer Data for Predictive Modeling with BigQuery ML		GS
BigQuery for Data Scientists		GS
Advanced Solutions Lab (ASL)		Link

Artificial Intelligence

Deploy and manage generative AI models

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

Learn how to manage the entire lifecycle of generative AI models, from development and deployment to monitoring — including introductions to responsible AI for developers. This path features a brand new course on security for AI models.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

Machine Learning Operations (MLOps) for Generative AI	DS	GS
Machine Learning Operations (MLOps) with Agent Platform: Model Evaluation	DS	GS
Responsible AI for Developers: Fairness & Bias	DS	GS
Responsible AI for Developers: Interpretability & Transparency	DS	GS
Responsible AI for Developers: Privacy & Safety	DS	GS
Introduction to Security in the World of AI	DS	GS
Model Armor: Securing AI Deployments		GS
Enhance Gemini Model Capabilities		GS

AI

Gemini for Government

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

Overview

Learn how to enhance your projects and build AI powered applications on Google Cloud for the federal government. This path will guide you through essential techniques and tools to integrate gen AI capabilities seamlessly into your secure environments.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

- DS — Data Sheet
- GS — Google Skills

Gemini Enterprise and NotebookLM Enterprise Essentials	DS	
Introduction to Gemini Enterprise	DS	GS
Introduction to Gemini Enterprise Lab		GS
Accelerate Knowledge Exchange with Gemini Enterprise		GS
Streamline App Development with Gemini Code Assist		GS
Configure Gemini Code Assist for Organizations		GS
Kickstarting Application Development with Gemini Code Assist		GS
Model Armor: Securing AI Deployments	DS	GS

Artificial Intelligence

Build and modernize applications with GenAI

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

Learn how to enhance your projects and build end-to-end applications on Google Cloud with the power of generative AI. This path will guide you through essential techniques and tools to integrate gen AI capabilities seamlessly into your development workflow.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

- Gemini for Application Developers — GS
- Gemini for end-to-end SDLC — GS
- Create Generative AI Apps on Google Cloud — DS GS
- Website Modernization with Generative AI on Google Cloud — DS GS
- Build AI Agents with Agent Platform and Flutter — DS GS
- Streamline App Development with Gemini Code Assist — GS
- Accelerate App Development with Gemini CLI — GS
- Configure Gemini Code Assist for Organizations — GS
- Deploy and Scale AI Models with Cloud Run — GS
- Build a Smart Cloud Application with Vibe Coding and MCP — GS
- Develop GenAI Apps with Gemini and Streamlit — GS

01.8

Workspace

Expanded Learning paths

Workspace

Workspace End User

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A Workspace End User possesses the digital skills to work collaboratively and productively in a professional environment.
What will you learn
- Google Docs, Google Sheets, Google Slides, Google Calendar, Google Drive;
- Google Meet and Google Chat, and more.

■	On-demand	DS	Data Sheet
◆	Virtual/Classroom	GS	Google Skills
⚡	Spark		
★	Skill badge		
✦	Self-paced Labs		
●	Resource		

■◆	Google Workspace with Gemini | ⧗ 1 DAY	DS GS
■◆	Google Workspace with Gemini: Foundations of Your AI Workflow	GS
■◆	Gemini in Gmail	GS
■◆	Gemini in Google Docs	GS
■◆	Gemini in Google Slides	GS
■◆	Gemini in Google Sheets	GS
■◆	Gemini in Google Meet	GS
■◆	Gemini in Google Chat	DS GS
■◆	Gemini in Google Drive	GS
■◆	Create Engaging Video with Google Vids	GS
■	Gemini in Google Workspace Studio	GS
■	Unlock Insights with Gemini Notebook	DS GS
★	Automate Work with Google Workspace Studio	GS
■	Workspace Add Ons	DS GS
■◆	Google Sheets - Advanced Topics	GS
★	Implement Cloud Collaboration and Productivity Workflows	GS
★	Use Functions, Formulas, and Charts in Google Sheets	GS
■◆	Google Workspace: Essentials	GS

Workspace

Workspace Administrator

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A Collaboration Engineer uses Workspace tools for managing applications and users, mail, and migrations.
What will you learn
- Google Cloud products and service, digital transformation;
- IT modernization, and more.

On-demand	DS	Data Sheet
Virtual/Classroom	GS	Google Skills
Spark		
Skill badge		
Self-paced Labs		
Resource		

Workspace End User	DS	GS
Gmail		GS
Google Calendar		GS
Google Drive		GS
Google Docs		GS
Google Sheets		GS
Google Slides		GS
Google Meet		GS
Google Chat		GS
Google Sheets - Advanced Topics		GS
Get Started with Google Workspace Tools		GS
Use Functions, Formulas, and Charts in Google Sheets		GS
Google Workspace Administrator	DS	GS
Google Workspace User and Resource Management		GS
Google Workspace Core Services		GS
Google Workspace Security		GS
Google Workspace Data Governance		GS
Google Workspace Troubleshooting		GS
Associate Google Workspace Administrator Exam Guide		Link
Associate Google Workspace Administrator Sample questions		Link
Associate Google Workspace Administrator		Link

01.9

Tech Adjacent

Expanded Learning paths

Tech Adjacent

Generative AI Leader

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A Gen AI Leader can articulate the capabilities of generative AI and understand how they benefit organizations.

What will you learn

- How to leverage Generative AI and Google Cloud for organizational transformation;
- How to use tools like Gemini Advanced, Notebook LM, and Google AI Studio.

On-demand	DS	Data Sheet
Virtual/Classroom	GS	Google Skills
Spark		
Skill badge		
Self-paced Labs		
Resource		

Gen AI: Beyond the Chatbot	DS	GS
Gen AI: Unlock Foundational Concepts	DS	GS
Gen AI: Navigate the Landscape	DS	GS
Gen AI Apps: Transform Your Work	DS	GS
Gen AI Agents: Transform Your Organization	DS	GS
OR		
Generative AI Leader | ⧗ 2 DAYS	DS	
Certify: Generative AI Leader		Link

Tech Adjacent

Cloud Digital Leader

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A Cloud Digital Leader can articulate the capabilities of core cloud products/services and understand how they benefit organizations

What will you learn

- Google Cloud products and services, digital transformation;
- IT modernization, and more.

On-demand		DS	Data Sheet
Virtual/Classroom		GS	Google Skills
Spark			
Skill badge			
Self-paced Labs			
Resource			

Digital Transformation with Google Cloud	DS	GS
Exploring Data Transformation with Google Cloud	DS	GS
Innovating with Google Cloud Artificial Intelligence	DS	GS
Modernize Infrastructure and Applications with Google Cloud	DS	GS
Trust and Security with Google Cloud	DS	GS
Scaling with Google Cloud Operations	DS	GS
OR		
Cloud Digital Leader training | ⧗ 2 DAYS	DS	
Cloud Digital Leader Exam Guide		GS
Cloud Digital Leader Sample Questions		GS
Cloud Digital Leader Study Guide		GS
Cloud Digital Leader		Link

Tech Adjacent

Cloud Digital Leader Add-ons

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

A Cloud Digital Leader can articulate the capabilities of core cloud products/services and understand how they benefit organizations

What you will learn

- Google Cloud products, services and digital transformation
- Apply new AI skills through interactive challenges to enhance productivity.

On-demand

Virtual/Classroom

Spark

Skill badge

Self-paced Labs

Resource

DS Data Sheet

GS Google Skills

AI Fluency

Critical Thinking in AI-Driven Workflows — DS GS

AI Fluency for Enterprise Leaders — DS

Modernization

Managing Change when Moving to Google Cloud — DS GS

Developing a Google SRE culture — DS GS

Finance

Google AI for Finance Professionals — DS GS

Understanding Google Cloud Costs — GS

Optimizing Your Google Cloud Costs — GS

Getting Started with FinOps on Google Cloud — DS

Google AI for Financial Services — DS

Tech Adjacent

Business Developer: Low-Code/No-Code

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

This learning path empowers business professionals to solve operational challenges by building custom no-code applications and unlocking deep data insights without writing code.

What will you learn

- AppSheet
- BigQuery Data in Connected Sheets

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

AppSheet Developer

- Building No-Code Apps with AppSheet: Foundations | ⧗ 6 HOURS — DS GS
- Building No-Code Apps with AppSheet: Implementation | ⧗ 12 HOURS — DS GS
- Building No-Code Apps with AppSheet: Automation | ⧗ 6 HOURS — DS GS
- Building No-Code Apps with AppSheet: Challenge Lab — GS
- Develop No-Code Chat Apps with AppSheet — GS

App Script

- Connect Apps Script Securely to Agent Platform — GS
- Call Agent Platform API using Apps Script — GS

BigQuery in Connected Sheets

- Analyze BigQuery Data in Connected Sheets: Challenge Lab — GS

02

Product Based

Expanded Learning paths

Google Cloud products learning paths

Gemini Enterprise & Gemini Notebook

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

Overview

Gemini Enterprise is an AI-powered enterprise platform that unifies search, intelligent agents, and your company's data to accelerate workflow and automate complex tasks.

What will you learn

Gemini Enterprise;

Gemini Notebook, and more.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

- DS Data Sheet
- GS Google Skills

Gemini Enterprise and NotebookLM Enterprise Essentials	DS	
Introduction to Gemini Enterprise	DS	GS
Introduction to Gemini Enterprise Lab		GS
Unlocking Insights from NotebookLM		GS
Accelerate Knowledge Exchange with Gemini Enterprise		GS

Google Cloud products learning paths

Gemini Enterprise for Customer Experience

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

Overview
Design, build, and maintain a powerful GECX solution using both generative and stateful flows.
What will you learn
Conversational Insights, Agents, Agent Assist, GECX Architecture
Contact Center as a Service (CCaaS)

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet
GS Google Skills

- Conversational Insights GS
- Conversational AI and its Engagement Framework GS
- Architect Customer Engagement Suite with Google AI GS
- Agent Assist and its Gen AI Capabilities GS
- Customer Experience Agent Studio: Fundamentals GS
- Handle Consumer Interactions with CCaaS GS
- Manage Functions and Reporting with CCaaS GS
- Configure and Maintain CCaaS as an Admin GS

Google Cloud products learning paths

Agentic AI on Google Cloud

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

Overview

Guides learners through the principles, development, and deployment of intelligent multi-agent systems.

What will you learn

You will learn to build, secure, and deploy intelligent multi-agent AI systems using Google Cloud AI tools.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

Understanding Google Cloud Agents		GS
Google Gemini Enterprise and NotebookLM Enterprise Essentials	DS	
Introduction to Gemini Enterprise	DS	GS
Unlocking Insights from NotebookLM		GS
Accelerate Knowledge Exchange with Gemini Enterprise		GS
Deploy Multi-Agent Systems with Agent Development Kit and Agent Engine	DS	GS
Build intelligent agents with Agent Development Kit (ADK)		GS
Building AI Agents with Enterprise Databases		GS
Model Armor: Securing Your AI Deployments		GS
Deploy Multi-Agent Architectures		GS

03

Certification Based

Expanded Learning paths

Infrastructure Modernization

Associate Cloud Engineer

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A cloud engineer configures, sets up, and deploys cloud solutions.

What will you learn
Google Compute Engine, Cloud Logging, Cloud Monitoring;
Google Cloud Storage, and more.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet
GS Google Skills

Build a Certification Study Guide: ACE Exam Prep		GS
Google Cloud Fundamentals: Core Infrastructure | ⧗ 1 DAY	DS	GS
Architecting with Google Compute Engine | ⧗ 3 DAYS	DS	
OR		
Essential Google Cloud Infrastructure: Foundation		GS
Essential Google Cloud Infrastructure: Core Services		GS
Elastic Google Cloud Infrastructure: Scaling and Automation		GS
Select a Google Cloud Database for Your Applications		GS
Getting started with Google Kubernetes Engine | ⧗ 1 DAY	DS	GS
Application Development with Cloud Run | ⧗ 1.5 DAYS	DS	GS
Logging, Monitoring, and Observability in Google Cloud ⧗ 2 Days	DS	GS
Technical Foundations of FinOps on Google Cloud | ⧗ 2 DAYS	DS	
Implement Load Balancing on Compute Engine		GS
Set Up an App Dev Environment on Google Cloud		GS
Develop Your Google Cloud Network		GS
Build Infrastructure with Terraform on Google Cloud		GS
Associate Cloud Engineer Exam Guide		Link
Associate Cloud Engineer Sample Questions		Link
Associate Cloud Engineer		Link

Infrastructure Modernization

Professional Cloud Architect

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A Cloud Architect designs, develops, and manages robust, secure, scalable, and dynamic solutions.

What will you learn
Google Compute Engine, GKE, Cloud Logging, Cloud Monitoring;
Terraform, and more.

- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet
GS Google Skills

Build a Certification Study Guide: PCA Exam Prep		GS
Google Cloud Fundamentals: Core Infrastructure | ⧗ 1 DAY	DS	GS
Architecting with Google Compute Engine | ⧗ 3 DAYS	DS	
Networking in Google Cloud: Network Architecture	DS	GS
Essential Google Cloud Infrastructure: Foundation		GS
Essential Google Cloud Infrastructure: Core Services		GS
Elastic Google Cloud Infrastructure: Scaling and Automation		GS
Networking in Google Cloud: Fundamentals	DS	GS
Networking in Google Cloud: Network Architecture	DS	GS
Networking in Google cloud: Hybrid and Multicloud	DS	GS
Architecting with Google Cloud Design and Process | ⧗ 2 DAYS	DS	GS
Manage Scalable Workloads in GKE | ⧗ 3 DAYS	DS	GS
Application Development with Cloud Run | ⧗ 2 DAYS	DS	GS
Introduction to Data Engineering on Google Cloud | ⧗ 1 DAY	DS	GS
Introduction to AI and Machine Learning on Google Cloud | ⧗ 1 DAY	DS	GS
Managing Security in Google Cloud		GS
Getting Started with Terraform for Google Cloud | ⧗ 1 DAY	DS	GS
Logging, Monitoring, and Observability in Google Cloud ⧗ 2 Days	DS	GS
Technical Foundations of FinOps on Google Cloud | ⧗ 2 DAYS	DS	
Implement Load Balancing on Compute Engine		GS
Manage Kubernetes in Google Cloud		GS
Build a Secure Google Cloud Network		GS
Develop Serverless Applications on Cloud Run		GS
Implement Cloud Security Fundamentals on Google Cloud		GS
Build Infrastructure with Terraform on Google Cloud		GS
Professional Cloud Architect Exam Guide		Link
Professional Cloud Architect Sample Questions		Link
Professional Cloud Architect		Link

Certification

Professional Cloud Developer

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

A Cloud Developer designs, builds, analyzes, and maintains cloud-native applications.

What will you learn
- Google Compute Engine, Cloud Logging, Cloud Monitoring;
- Google Cloud Storage, and more.

On-demand		DS	Data Sheet
Virtual/Classroom		GS	Google Skills
Spark			
Skill badge			
Self-paced Labs			
Resource			

View on Google Skills

Build a Certification Study Guide: PCD Exam Prep		GS
Google Cloud Fundamentals: Core Infrastructure | ⧗ 1 DAY	DS	GS
Developing Applications with Google Cloud | ⧗ 3 DAYS	DS	
OR		
Developing Applications with Google Cloud: Foundations	DS	GS
Service Orchestration and Choreography on Google Cloud	DS	GS
Developing Applications with Cloud Functions on Google Cloud	DS	GS
Application Development with Cloud Run | ⧗ 1.5 DAYS	DS	GS
Getting started with Google Kubernetes Engine | ⧗ 1 DAY	DS	GS
Integrating Applications with Gemini 1.0 Pro on Google Cloud	DS	GS
Accelerate App Development with Gemini CLI	DS	GS
Develop Serverless Applications on Cloud Run		GS
Develop and Secure APIs with Apigee X		GS
Deploy Kubernetes Applications on Google Cloud		GS
Professional Cloud Developer Exam Guide		Link
Professional Cloud Developer Sample Questions		Link
Professional Cloud Developer		Link

Certification

Professional DevOps Engineer

EN JA PTBR ESLA FR KO ID ZHCN ZHTW DE

Overview

A DevOps Engineer is responsible for implementing best practices for efficient software delivery and infrastructure mgmt.

What will you learn
- Google App Engine, Site Reliability Engineering (SRE);
- Google Kubernetes Engine, and more.

On-demand		DS	Data Sheet
Virtual/Classroom		GS	Google Skills
Spark			
Skill badge			
Self-paced Labs			
Resource			

Build a Certification Study Guide: PCDOE Exam Prep		GS
Google Cloud Fundamentals: Core Infrastructure | ⧗ 1 DAY	DS	GS
Developing a Google SRE Culture	DS	GS
Architecting with Google Cloud Design and Process | ⧗ 2 DAYS	DS	GS
Logging, Monitoring, and Observability in Google Cloud | ⧗ 2 DAYS	DS	GS
Getting Started with Terraform for Google Cloud | ⧗ 1 DAY	DS	GS
Reliable Google Cloud Infrastructure: Design and Process		GS
Set Up an App Dev Environment on Google Cloud		GS
Implement DevOps Workflows in Google Cloud		GS
Monitor and Log with Google Cloud Operations Suite		GS
Using DevSecOps in your Google Cloud Environment		GS
Build Infrastructure with Terraform on Google Cloud		GS
Professional Cloud DevOps Engineer Exam Guide		GS
Professional Cloud DevOps Engineer Sample Questions		GS
Professional Cloud DevOps Engineer		GS

Certification

Associate Data Practitioner

EN | JA | PTBR | ESLA | FR | KO | ID | ZHCN | ZHTW | DE

Overview

The Associate Data Practitioner secures and manages data on Google Cloud. This individual has experience using Google Cloud data services for tasks like data ingestion, transformation, pipeline management, analysis, machine learning, and visualization. Candidates have a basic understanding of cloud computing concepts like infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS).

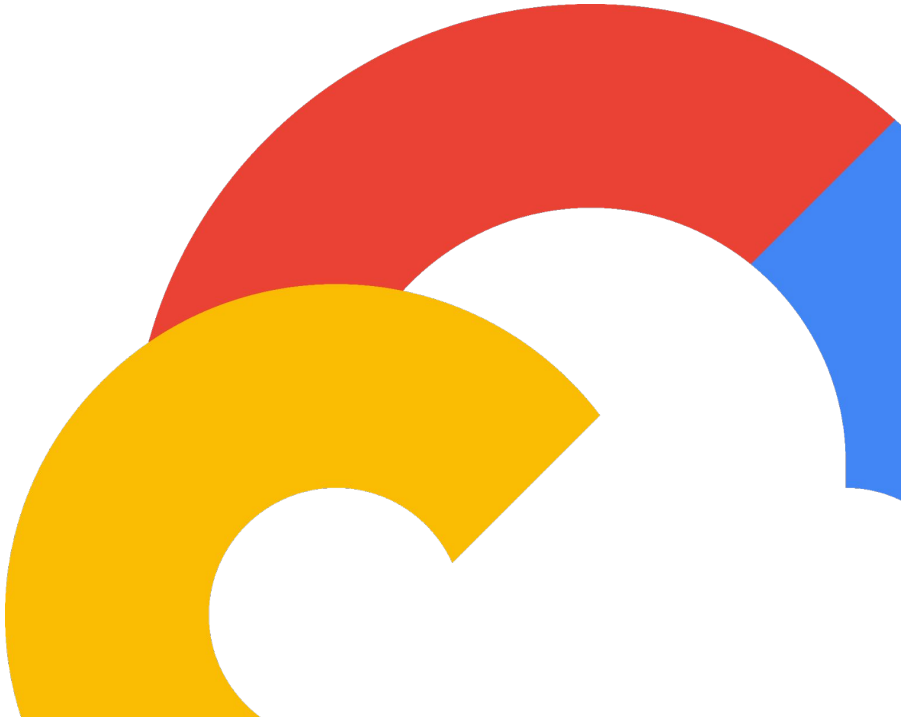
- On-demand
- Virtual/Classroom
- Spark
- Skill badge
- Self-paced Labs
- Resource

DS Data Sheet

GS Google Skills

Introduction to Data Engineering on Google Cloud	DS	GS
Derive Insights from BigQuery Data		GS
Prepare Data for Looker Dashboards and Reports		GS
Introduction to AI and Machine Learning on Google Cloud	DS	GS
Baseline: Infrastructure		GS
Implement Cloud Security Fundamentals on Google Cloud		GS
Optimizing Cost with Google Cloud Storage		GS
Associate Data Practitioner		

Thank you



Google Cloud