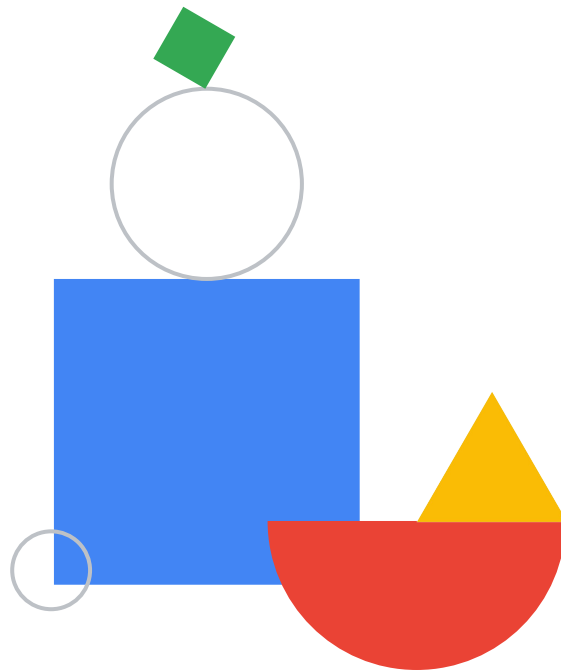


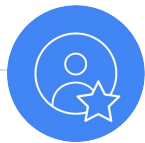
Google Cloud

Expanded Learning paths

Cloud Learning Services



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.

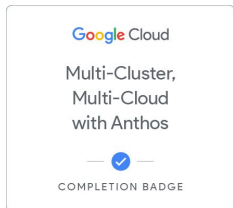


Credentials and certifications

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

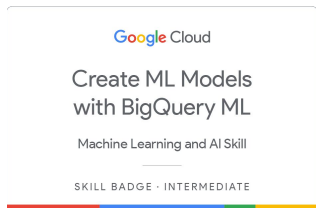
Learn more at cloud.google.com/training

Google Cloud Credentials & Certifications



Completion Badges

Reward learner for engagement and completion of learning activities



Skill badges

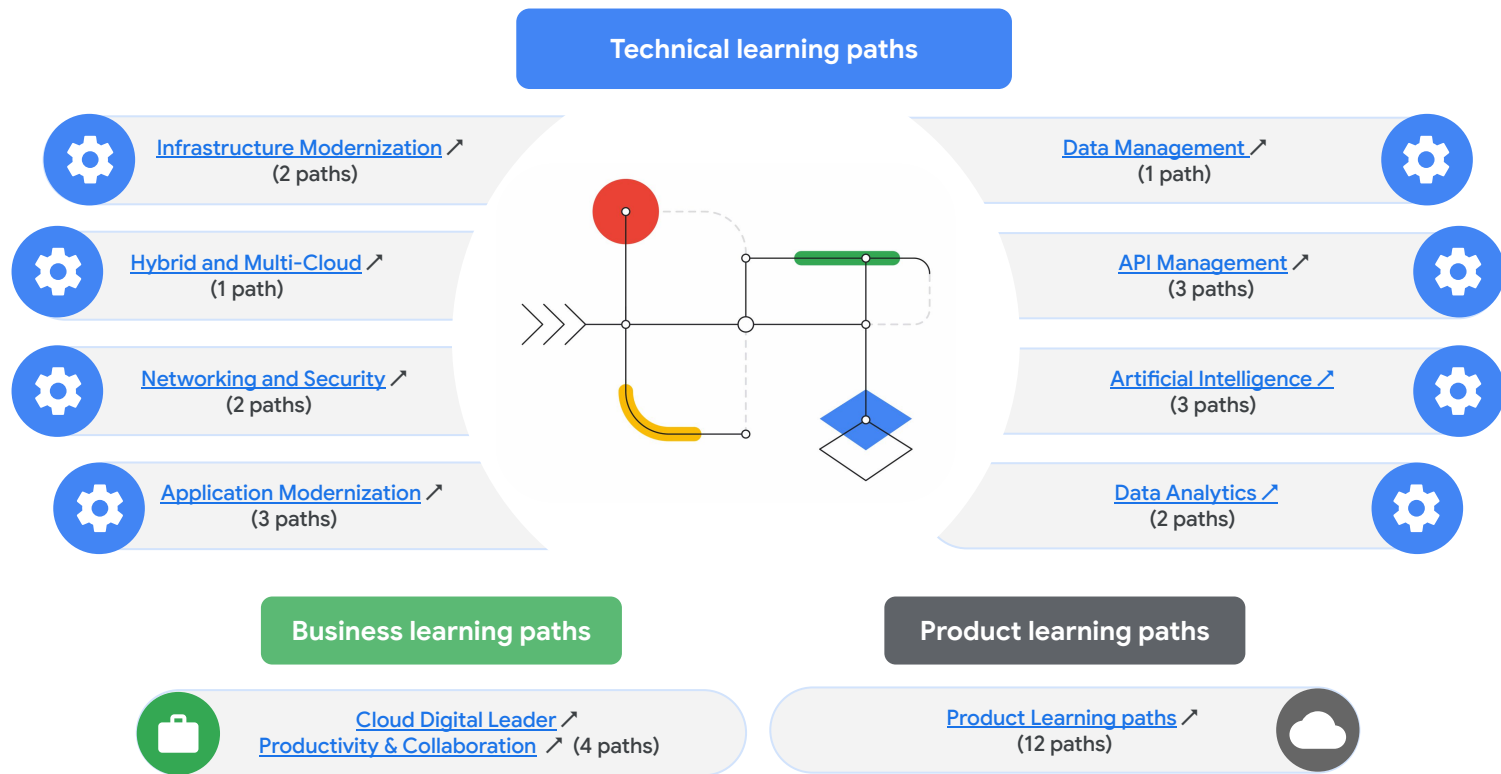
Recognize learner's knowledge and hands-on skills with Google Cloud demonstrated by the completion of a learning and skills assessment



Certifications

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

Pick your learning path





Solution & Role Based Expanded Learning paths

Infrastructure Modernization

Cloud Engineer, Cloud Admin

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

 Data Sheet

 Virtual and in-person Classroom

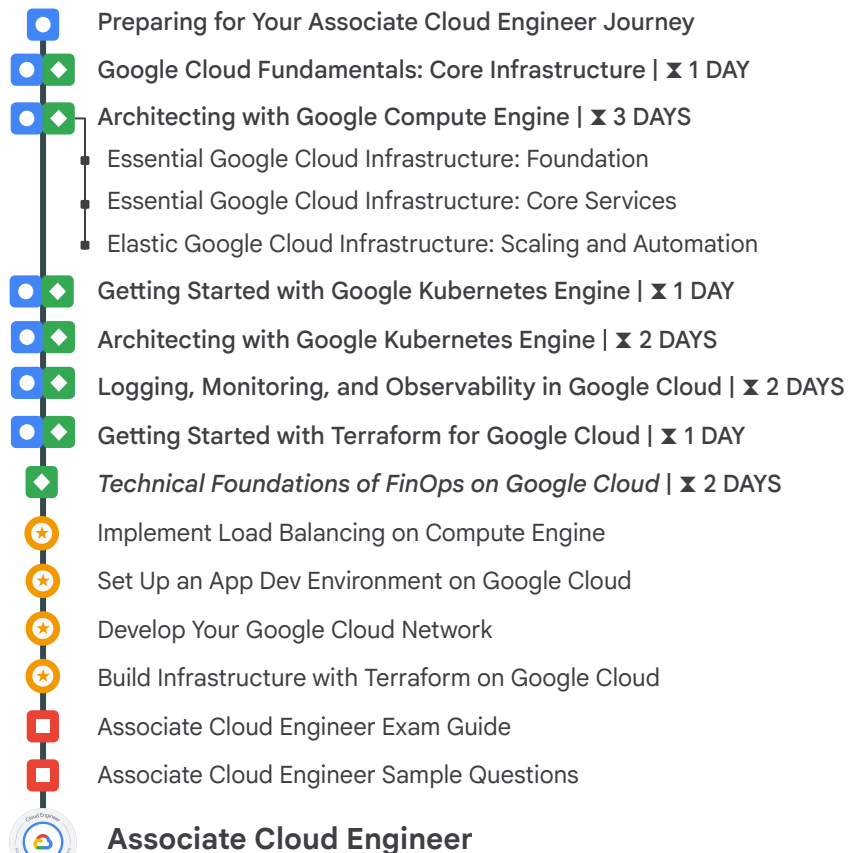
 Skills Boost

 Skill badge

 Self-paced Labs

 Resource

[Public Classroom Schedule](#)



Associate Cloud Engineer

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Infrastructure Modernization

Cloud Architect, Cloud Engineer

Overview

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

What will you learn

- Google Compute Engine, Cloud Logging, Cloud Monitoring;
- Terraform, and more.

 On-demand

 Data Sheet

 Virtual and in-person Classroom

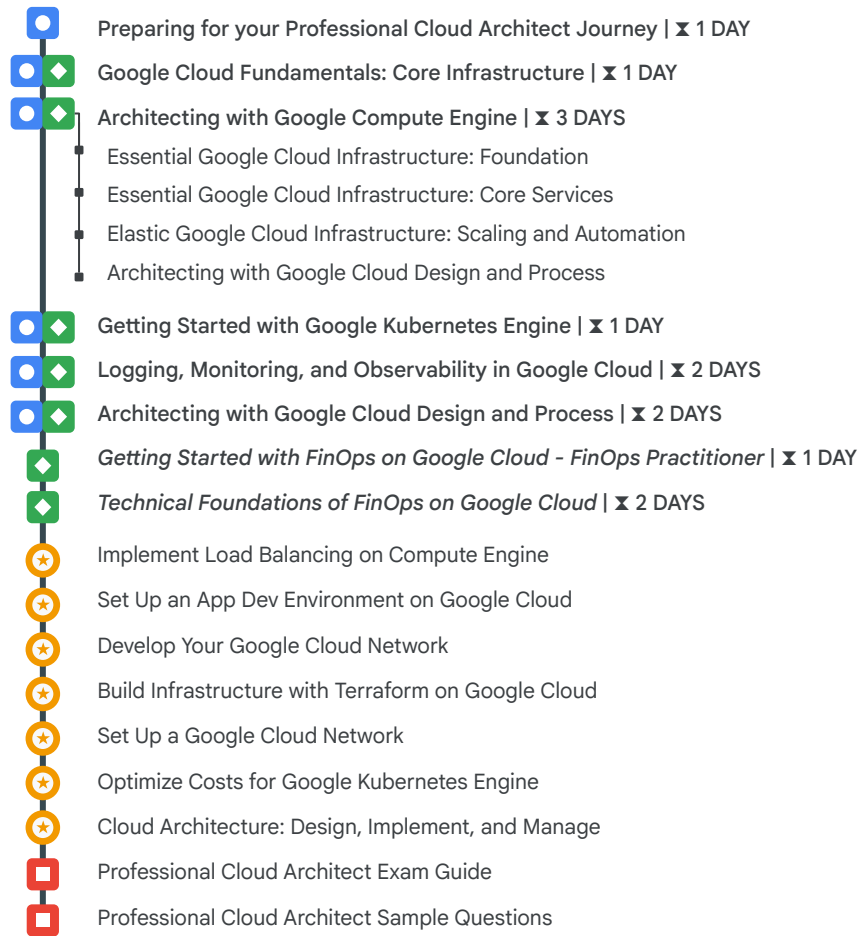
 Skills Boost

 Skill badge

 Self-paced Labs

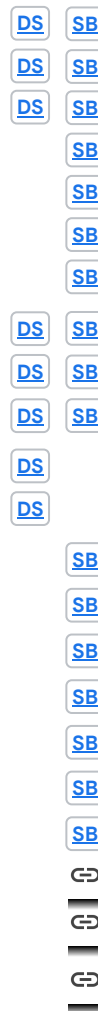
 Resource

[Public Classroom Schedule](#)



Professional Cloud Architect

FinOps courses are not required courses in the learning path for the Professional Cloud Architect.



Google Cloud Infrastructure
for AWS professionals

Cloud Engineer, Cloud Architect

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



Data Sheet



Virtual and in-person



Skills Boost



Classroom
Skill badge



Self-paced Labs



Resource

[Public Classroom Schedule](#)



Google Cloud IAM and Networking for AWS Professionals | 1 DAY



Google Cloud Compute and Scalability for AWS Professionals | 1 DAY



Google Cloud Storage and Containers for AWS Professionals | 1 DAY



Deploy and Monitor in Google Cloud for AWS Professionals | 1 DAY



Build Google Cloud Infrastructure for AWS Professionals



Google Cloud Infrastructure for AWS professionals

Cloud Architect, Cloud Engineer

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 and in-person Classroom



Skill badge



Self-paced Labs



Resource



Data Sheet



Skills Boost

[Public Classroom Schedule](#)



Google Cloud Infrastructure for AWS Professionals | ⌘ 2 DAYS

Logging, Monitoring, and Observability in Google Cloud | ⌘ 2 DAYS

Architecting with Google Cloud Design and Process | ⌘ 2 DAYS

Build Google Cloud Infrastructure for AWS Professionals

Implement Cloud Security Fundamentals on Google Cloud

Optimize Costs for Google Kubernetes Engine

Set Up an App Dev Environment on Google Cloud

Cloud Architecture: Design, Implement, and Manage

Professional Cloud Architect



Data Sheet



Skills Boost



Data Sheet



Skills Boost



Data Sheet



Skills Boost



Skills Boost



Skills Boost



Skills Boost



Skills Boost



Skills Boost



Link

Google Cloud Infrastructure
for Azure professionals

Cloud Engineer, Cloud Architect

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  Data Sheet
-  Virtual and in-person  Skills Boost
-  Classroom
-  Skill badge
-  Self-paced Labs
-  Resource [Public Classroom Schedule](#)

Google Cloud

-  Google Cloud IAM and Networking for Azure Professionals |  1 DAY  
-  Google Cloud Compute and Scalability for Azure Professionals |  1 DAY  
-  Google Cloud Storage and Containers for Azure Professionals |  1 DAY  
-  Deploy and Monitor in Google Cloud for Azure Professionals |  1 DAY  
-  Build Google Cloud Infrastructure for Azure Professionals 

Google Cloud Infrastructure
for Azure professionals

Cloud Architect, Cloud Engineer

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 and in-person Classroom



Skill badge



Self-paced Labs



Resource



Data Sheet



Skills Boost

[Public Classroom Schedule](#)



Google Cloud Infrastructure for Azure Professionals | 2 DAYS

Logging, Monitoring, and Observability in Google Cloud | 2 DAYS

Architecting with Google Cloud Design and Process | 2 DAYS

Build Google Cloud Infrastructure for Azure Professionals

Implement Cloud Security Fundamentals on Google Cloud

Optimize Costs for Google Kubernetes Engine

Set Up an App Dev Environment on Google Cloud

Cloud Architecture: Design, Implement, and Manage

Professional Cloud Architect



Security

DevSecOps

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, and CI/CD and how they all work together to secure containers and GKE in Google Cloud.

-  On-demand
 -  Virtual and in-person Classroom
 -  Skill badge
 -  Self-paced Labs
 -  Resource
- [Public Classroom Schedule](#)

 Data Sheet

 Skills Boost

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



























Cloud Architect, DevOps Engineer

Overview

Hybrid and Multi-Cloud Architects manage applications across multiple clouds, or between on-premises and cloud environments.

What will you learn

- Containers, Google Kubernetes Engine (GKE), Google Cloud IAM;
- Docker, Cloud SDK, and more.

 On-demand

 Data Sheet

 Virtual and in-person Classroom

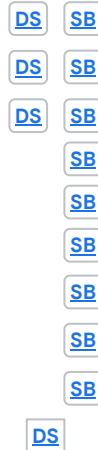
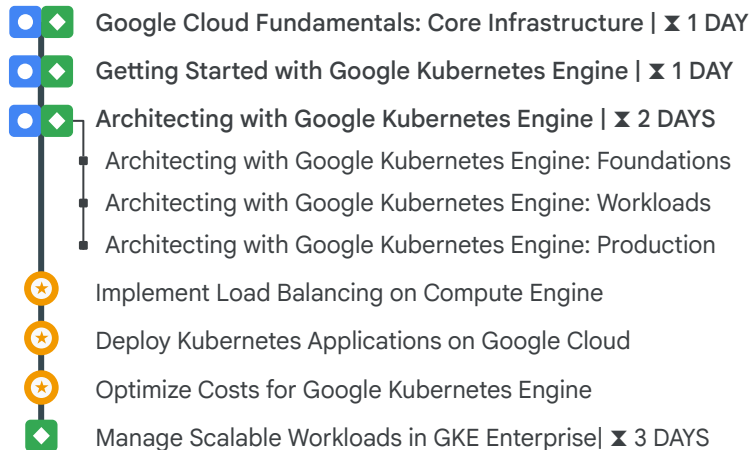
 Skills Boost

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 Self-paced Labs

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[Public Classroom Schedule](#)



Networking

Network Engineer, Network Operations

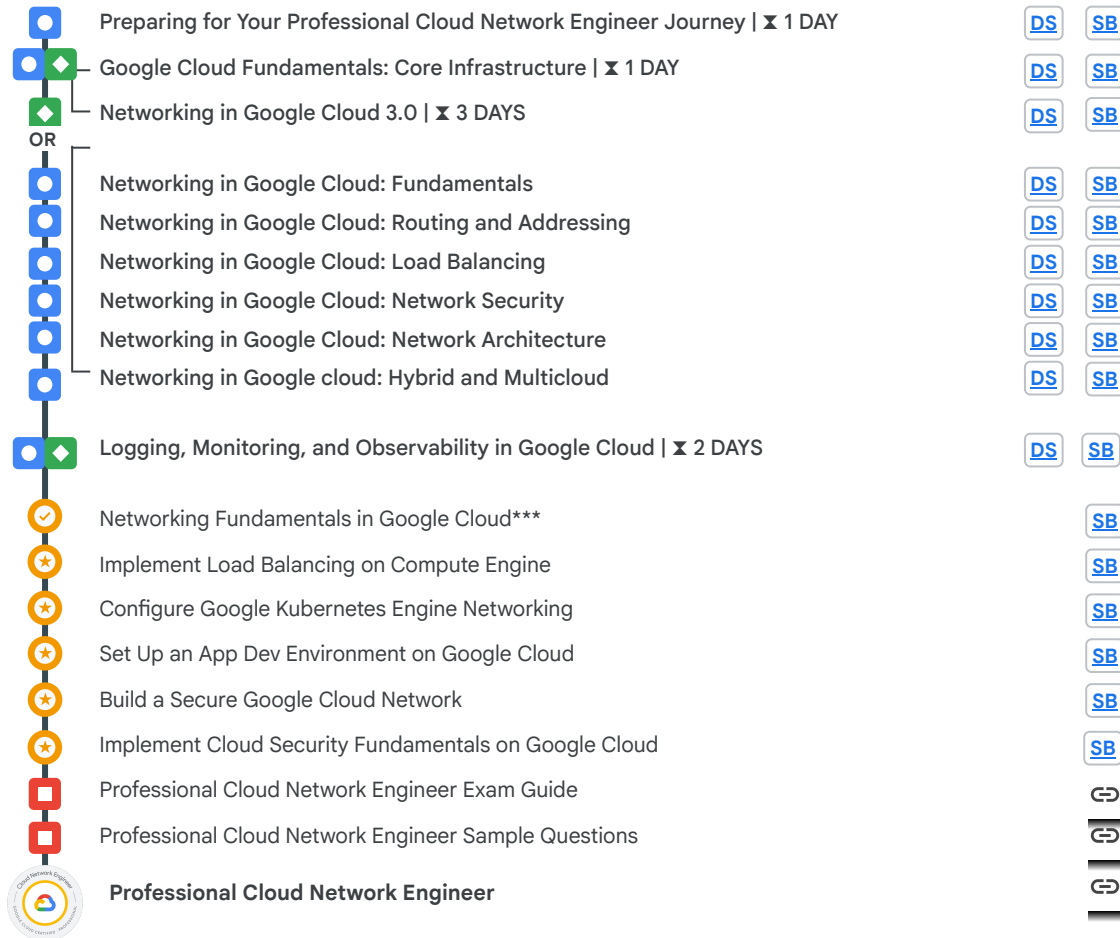
Overview

A Network Engineer configures, maintains, and troubleshoots network components of their cloud-based infrastructure.

What will you learn

- Cloud CDN, Cloud DNS, Cloud IAM, Networking, Cloud Armor, Cloud Shell;
- Cloud Interconnect, and more.

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|  On-demand |  Data Sheet |
|  Virtual and in-person Classroom |  Skills Boost |
|  Skill badge | |
|  Self-paced Labs | |
|  Resource | Public Classroom Schedule |



Note: If switching public cloud providers, try Google Cloud Fundamentals for AWS or Azure Professionals. *** if you have already taken Architecting with GCE, you don't need to take this self-paced lab.

Security

Security Engineer, Security Operations

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

 Data Sheet

 Virtual and in-person Classroom

 Skills Boost

 Skill badge

 Self-paced Labs

 Resource

[Public Classroom Schedule](#)



Professional Cloud Security Engineer

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Cloud Developer

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.

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|  On-demand |  Data Sheet |
|  Virtual and in-person Classroom |  Skills Boost |
|  Skill badge | |
|  Self-paced Labs | |
|  Resource | Public Classroom Schedule |

-   Google Cloud Fundamentals: Core Infrastructure | ⌚ 1 DAY
-   Developing Applications with Google Cloud | ⌚ 3 DAYS
-   Application Development with Cloud Run | ⌚ 1.5 DAYS
-   Getting started with Google Kubernetes Engine | ⌚ 1 DAY



Develop Serverless Applications on Cloud Run



Develop Serverless Apps with Firebase



Deploy Kubernetes Applications on Google Cloud



Professional Cloud Developer Exam Guide



Professional Cloud Developer Sample Questions



Professional Cloud Developer



DevOps Engineer, SRE

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

 Virtual and in-person

 Classroom

 Self-paced Labs

 Resource

 Data Sheet

 Skills Boost

[Public Classroom Schedule](#)



Google Cloud Fundamentals: Core Infrastructure | ⌚ 1 DAY

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Developing a Google SRE Culture | ⌚ 4 HOURS

[DS](#)

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Architecting with Google Cloud Design and Process | ⌚ 2 DAYS

[DS](#)

[SB](#)



Logging, Monitoring, and Observability in Google Cloud | ⌚ 2 DAYS

[DS](#)

[SB](#)



Getting Started with Google Kubernetes Engine | ⌚ 1 DAY

[DS](#)

[SB](#)



Set Up an App Dev Environment on Google Cloud

[SB](#)



Implement DevOps Workflows in Google Cloud

[SB](#)



Monitor and Log with Google Cloud Operations Suite

[SB](#)



Measure Site Reliability using Cloud Operations Suite

[SB](#)



Build Infrastructure with Terraform on Google Cloud

[SB](#)



Professional Cloud DevOps Engineer Exam Guide

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Professional Cloud DevOps Engineer Sample Questions

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Professional Cloud DevOps Engineer

Startup Cloud Engineer

Overview

Our Startup learning path is meant to introduce Startup companies to Google Cloud, while providing them with basic concepts to understand the “art of possible”.

What will you learn

- Google Cloud products and services;
- Digital transformation;
- Introductions to key concepts from App Development to Infrastructure, and ML/AI to low-code applications.

 On-demand

 Data Sheet

 Virtual and in-person

 Skills Boost

 Classroom Skill badge

 Self-paced Labs

 Resource

[Public Classroom Schedule](#)



Google Cloud Fundamentals: Core Infrastructure | **1 DAY**

Managing Security in Google Cloud | **1 DAY**

App Deployment, Debugging, and Performance | **1 DAY**

Application Development with Cloud Run | **3 DAYS**

Building No-Code Apps with AppSheet: Foundations | **6 HOURS**

Migrating to Google Cloud | **8 HOURS**

Understanding Your Google Cloud Costs

Managing Cloud Infrastructure with Terraform

Develop Serverless Apps with Firebase

Google Cloud Solutions

Google Cloud Developer Cheat Sheet

Google Cloud Learning Paths

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Database

Database Engineer

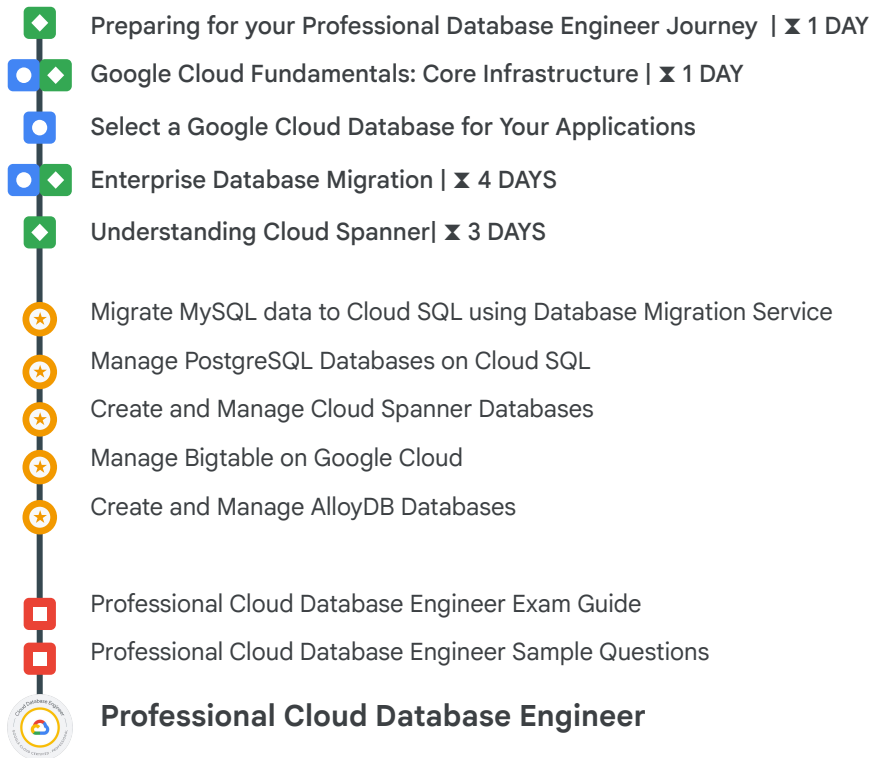
Overview

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 and in-person Classroom
-  Skill badge
-  Self-paced Labs
-  Resource
-  Data Sheet
-  Skills Boost
- [Public Classroom Schedule](#)

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API Architect / Engineer (hybrid)

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
-  Virtual and in-person Classroom
-  Skill badge
-  Self-paced Labs
-  Resource
-  Data Sheet
-  Skills Boost
- [Public Classroom Schedule](#)



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API Architect / Engineer (private cloud)

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



Data Sheet



Virtual and in-person Classroom



Skills Boost



Skill badge



Self-paced Labs



Resource

[Public Classroom Schedule](#)



Developing APIs with Google Cloud's Apigee API Platform | **3 DAYS**



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

- API Security on Google Cloud's Apigee API Platform

- API Development on Google Cloud's Apigee API Platform



Installing and Managing Google Cloud's Apigee API Platform for Private Cloud | **3 DAYS**



Develop and Secure APIs with Apigee X



Deploy and Manage Apigee X



API Developer

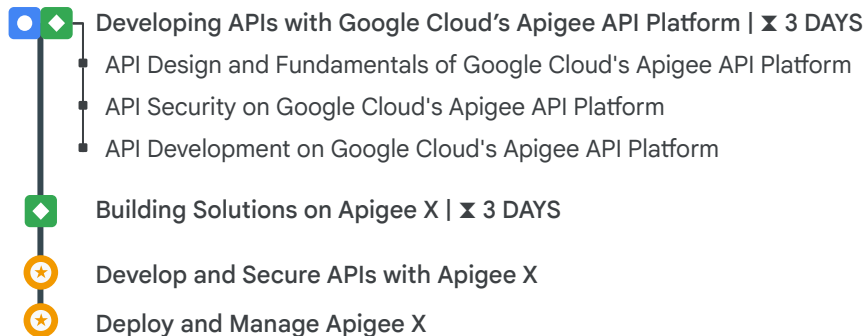
Overview

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 and in-person Classroom
-  Skill badge
-  Self-paced Labs
-  Resource
-  Data Sheet
-  Skills Boost
- [Public Classroom Schedule](#)



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ML and Artificial Intelligence

ML Engineer, Data Scientist

Overview

A Machine Learning Engineer designs, builds, productionizes, optimizes, operates, and maintains ML systems.

What will you learn

- Vertex AI, AutoML, BigQuery ML, Keras, TensorFlow, Dataflow;
- Vertex AI Studio, Model Garden, Vector Search, APIs, and more.

 On-demand

 Virtual and in-person

 Classroom

 Self-paced Labs

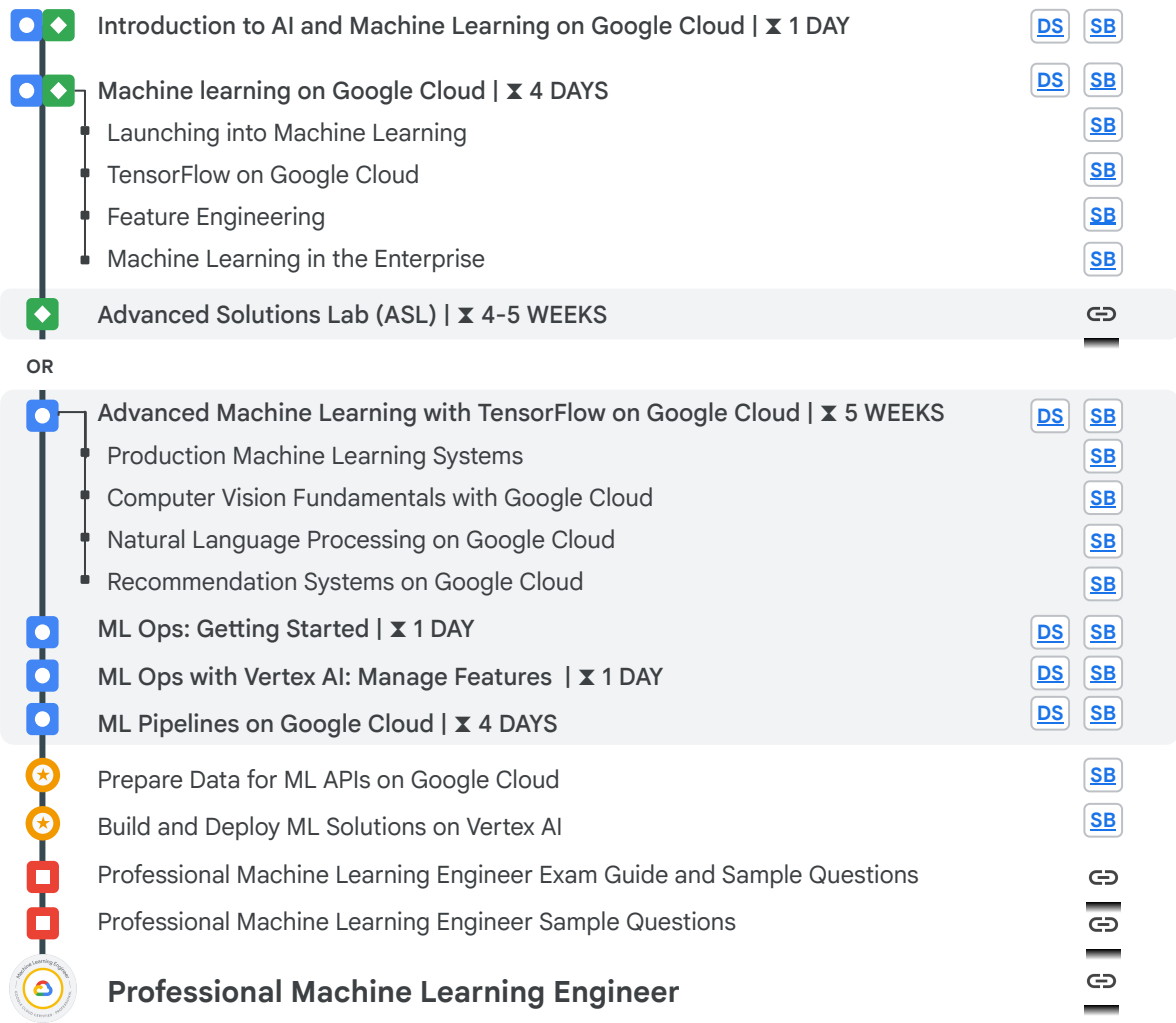
 Resource

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[Public Classroom Schedule](#)

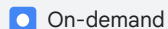
Google Cloud



Generative AI (GenAI)

Overview

This learning path guides you through a curated collection of content on Generative AI products and technologies, from the fundamentals of Large Language Models to how to create and deploy generative AI solutions on Google Cloud.



On-demand



Virtual and in-person



Classroom
Skill badge



Self-paced Labs



Resource



Data Sheet



Skills Boost

[Public Classroom Schedule](#)



Introduction to AI and Machine Learning on Google Cloud



Introduction to Generative AI for Decision Makers



Writing Effective Prompts for Generative AI



Industry Use Cases for Generative AI



Introduction to Generative AI



Introduction to Large Language Models



Introduction to Responsible AI



Generative AI Fundamentals



Introduction to Image Generation



Encoder-Decoder Architecture



Attention Mechanism



Transformer Models and BERT Model



Create Image Captioning Models



Introduction to Generative AI Studio



Application Development with LLMs on Google Cloud



Vertex AI Agent builder



Introduction to Developer Efficiency with Gemini

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Data Engineer

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

- BigQuery, Dataflow, Cloud Data Fusion, Cloud Composer, Pub/Sub, batch and stream processing;
- Dataproc, workload migration, and more.

- ## Public Classroom Schedule



Data Analyst, BI Analyst

Overview

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

What will you learn

- BigQuery, SQL, Data Visualization, BigQuery ML, Looker, Vertex AI;
- Cloud Data Fusion, Data Catalog, Cloud Dataprep, and more.

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|  On-demand |  Data Sheet |
|  Virtual and in-person Classroom |  Skills Boost |
|  Skill badge | |
|  Self-paced Labs | |
|  Resource | Public Classroom Schedule |



OR



Introduction to Data Analytics on Google Cloud | x 1 DAY

BigQuery for Data Analysts | x 2 DAYS

Analyzing and Visualizing Data in Looker | x 1 DAY

Developing Data Models with LookML | x 1 DAY

Looker Developer Deep Dive | x 2 DAYS

Data Warehousing with BigQuery: Storage Design, Query Optimization, and Administration | x 3 DAYS

Perform Foundational Data, ML, and AI Tasks in Google Cloud

Analyzing and Visualizing Data in Looker

Derive Insights from BigQuery Data

Create ML Models with BigQuery ML

Manage Data Models in Looker

Applying Advanced LookML Concepts in Looker

Boost Productivity with Gemini in BigQuery

Work with Gemini Models in BigQuery

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Data Practitioner

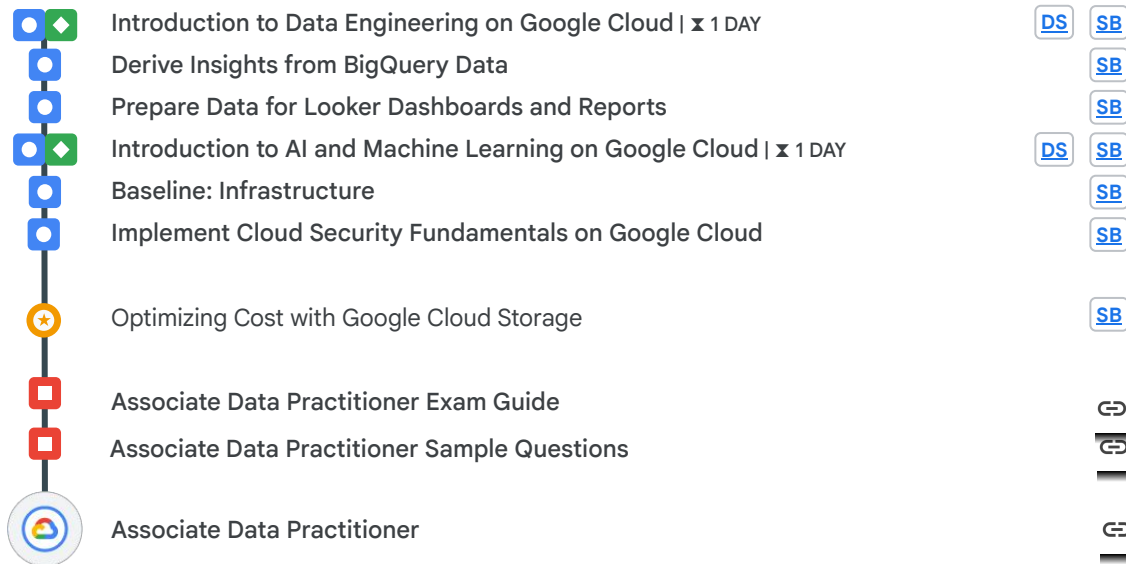
Overview

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 and in-person Classroom
-  Skill badge
-  Self-paced Labs
-  Resource
-  Data Sheet
-  Skills Boost
- [Public Classroom Schedule](#)



Workspace

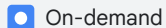
Workspace Administrator

Overview

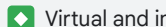
A Collaboration Engineer uses Workspace tools for managing applications and users, mail, and migrations.

What will you learn

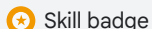
- Google Cloud products and service, digital transformation;
- IT modernization, and more.



On-demand



Virtual and in-person Classroom



Skill badge



Self-paced Labs



Resource



Data Sheet



Skills Boost

[Public Classroom Schedule](#)

Google Cloud



Workspace End User | Getting Started with Google Workspace

- Gmail
- Google Calendar
- Google Drive
- Google Docs
- Google Sheets
- Google Slides
- Google Meet
- Google Chat
- Google Sheets - Advanced Topics



Google Workspace Administration

- Google Workspace User and Resource Management
- Google Workspace Core Services
- Google Workspace Security
- Google Workspace Data Governance
- Planning for your Google Workspace Deployment



Associate Google Workspace Administrator Exam Guide



Associate Google Workspace Administrator Sample questions



Associate Google Workspace Administrator



Tech Adjacent

Citizen Developer

Overview

This learning path guides you through the fundamentals of becoming a successful mobile and desktop application creator.

What will you learn

- AppSheet

-  On-demand  Data Sheet
-  Virtual and in-person Classroom  Skills Boost
-  Skill badge
-  Self-paced Labs
-  Resource [Public Classroom Schedule](#)



Building No-Code Apps with AppSheet: Foundations | ⌘ 6 HOURS



Building No-Code Apps with AppSheet: Implementation | ⌘ 12 HOURS



Building No-Code Apps with AppSheet: Automation | ⌘ 6 HOURS



Building No-Code Apps with AppSheet: Challenge Lab



Cloud Digital Leader

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.

- | | |
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|  On-demand |  Data Sheet |
|  Virtual and in-person Classroom |  Skills Boost |
|  Skill badge | |
|  Self-paced Labs | |
|  Resource | Public Classroom Schedule |

 Digital Transformation with Google Cloud | ⌚ 2 HOURS

 Exploring Data Transformation with Google Cloud | ⌚ 1.5 HOURS

 Innovating with Google Cloud Artificial Intelligence | ⌚ 1.5 HOURS

 Modernize Infrastructure and Applications with Google Cloud | ⌚ 2.5 HOURS

 Trust and Security with Google Cloud | ⌚ 1 HOUR

 Scaling with Google Cloud Operations | ⌚ 1 HOUR

OR

 Cloud Digital Leader training | ⌚ 2 DAYS

 Cloud Digital Leader Exam Guide

 Cloud Digital Leader Sample Questions

 Cloud Digital Leader Study Guide



Cloud Digital Leader













Cloud Digital Leader add-ons

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 service, digital transformation;
- IT modernization, and more.

-  On-demand  Data Sheet
-  Virtual and in-person Classroom  Skills Boost
-  Skill badge
-  Self-paced Labs
-  Resource [Public Classroom Schedule](#)

Modernization



Managing Change when Moving to Google Cloud | ⌚ 1 HOUR



Developing a Google SRE culture | ⌚ 4 HOURS



Finance



Understanding Google Cloud Costs | ⌚ 5 HOURS



Optimizing Your Google Cloud Costs | ⌚ 7 HOURS



Getting Started with FinOps on Google Cloud





Product Based Expanded Learning paths

Compute Engine

Overview

Secure and customizable compute service that lets you create and run virtual machines on Google's infrastructure.

What will you learn

- Google Compute Engine;
- Google Cloud Storage, and more.

 On-demand

 Data Sheet

 Virtual and in-person Classroom

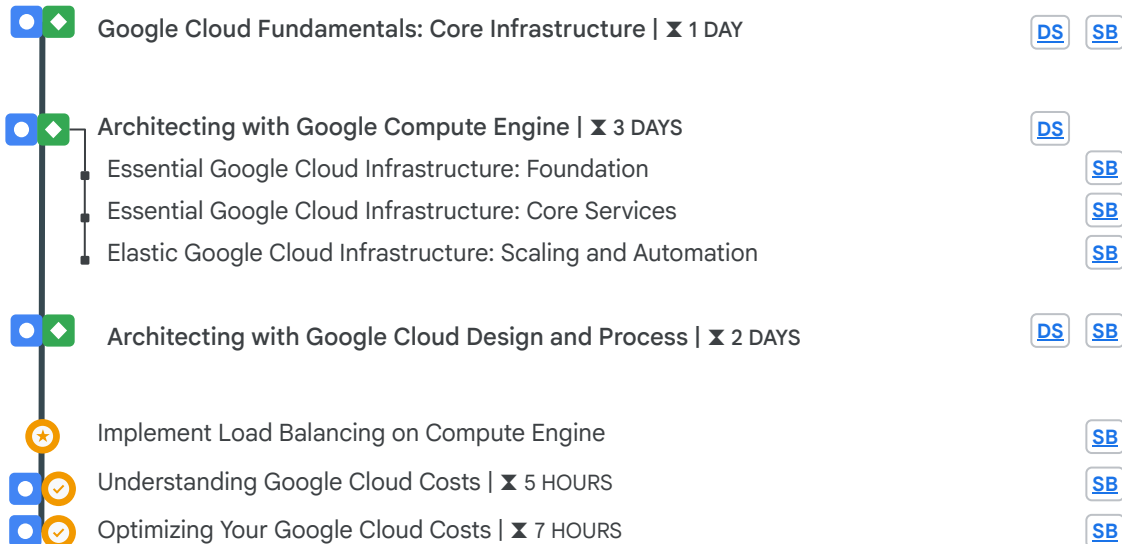
 Skills Boost

 Skill badge

 Self-paced Labs

 Resource

[Public Classroom Schedule](#)



Operations

Overview

Integrated monitoring, logging, and trace managed services for applications and systems running on Google Cloud & beyond.

What will you learn

- Cloud Logging;
- Cloud Monitoring, and more.

-  On-demand  Data Sheet
-  Virtual and in-person Classroom  Skills Boost
-  Skill badge
-  Self-paced Labs
-  Resource [Public Classroom Schedule](#)

-  Developing a Google SRE Culture
-  Architecting with Google Cloud: Design and Process | ⚡ 2 DAYS
-  Logging, Monitoring, and Observability in Google Cloud | ⚡ 2 DAYS
-  Google Cloud's Operations Suite
-  Google Cloud's Operations Suite on GKE
-  Monitor and Log with Google Cloud Operations Suite
-  Implement DevOps Workflows in Google Cloud









Cloud Run

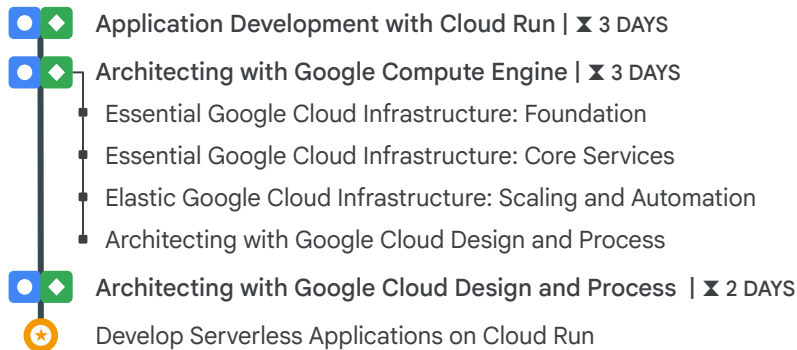
Overview

Develop and deploy highly scalable containerized applications on a fully managed serverless platform.

What will you learn

- Google Cloud IAM, • Compute Engine;
- BigQuery, and more.

-  On-demand
-  Virtual and in-person Classroom
-  Skill badge
-  Self-paced Labs
-  Resource
-  Data Sheet
-  Skills Boost
- [Public Classroom Schedule](#)



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Google Kubernetes Engine (GKE)

Overview

A simple way to automatically deploy, scale, and manage Kubernetes on Google's infrastructure.

What will you learn

- GKE Sandbox;
- Anthos, and more.

 On-demand

 Virtual and in-person

 Classroom

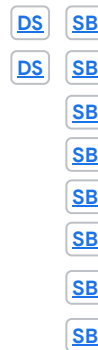
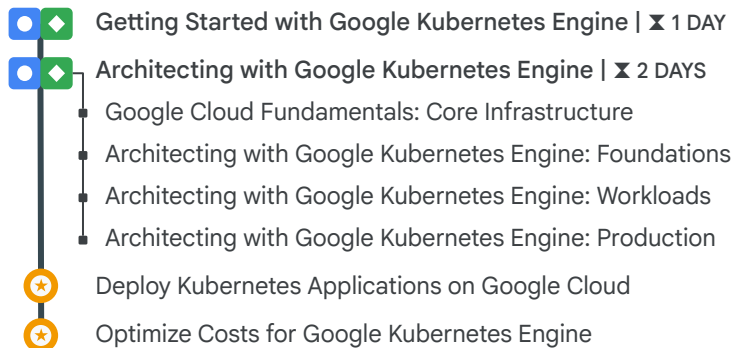
 Self-paced Labs

 Resource

 Data Sheet

 Skills Boost

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Anthos

Overview

Anthos unifies the management of infrastructure and applications across on-premises, edge, and in multiple public clouds with a Google Cloud-backed control plane for consistent operation at scale. Google Cloud Storage, and more.

 On-demand

 Virtual and in-person

 Classroom

 Self-paced Labs

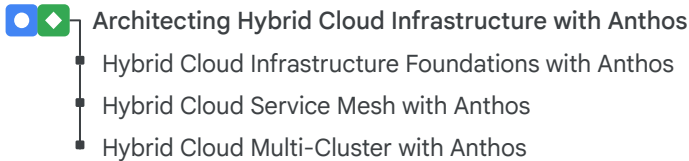
 Resource

 Data Sheet

 Skills Boost

 Skill badge

[Public Classroom Schedule](#)











Cloud Identity

Overview

A unified identity, access, app, and endpoint management (IAM/EMM) platform on Google's infrastructure.

What will you learn

- Fundamentals of Cloud Identity
- Cloud Identity administrative tasks

-  On-demand  Data Sheet
-  Virtual and in-person Classroom  Skills Boost
-  Skill badge
-  Self-paced Labs
-  Resource [Public Classroom Schedule](#)



Introduction to Cloud Identity



Implement Cloud Security Fundamentals on Google Cloud



BigQuery

Overview

Serverless, highly scalable, and cost-effective multicloud data warehouse designed for business agility.

What will you learn

- BigQuery ML;
- BigQuery BI Engine, and more.

-  On-demand
-  Virtual and in-person Classroom
-  Skill badge
-  Self-paced Labs
-  Resource
-  Data Sheet
-  Skills Boost
- [Public Classroom Schedule](#)

-  Data Warehousing with BigQuery: Storage Design, Query Optimization, and Administration | 3 DAYS
-  Orchestrate BigQuery Workloads using Dataform
-  Gemini in BigQuery
-  BigQuery for Machine Learning
-  Derive Insights from BigQuery Data
-  BigQuery Basics for Data Analysts
-  Create ML Models with BigQuery ML
-  Build a Data Warehouse with BigQuery

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Looker

Overview

Master how to use Looker - a modern business intelligence, embedded analytics, and data application platform.

What will you learn

- LookML;
- Looker API, and more.

-  On-demand
-  Virtual and in-person Classroom
-  Skill badge
-  Self-paced Labs
-  Resource
-  Data Sheet
-  Skills Boost

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-   Analyzing and Visualizing Data in Looker | ⌘ 1 DAY
-   Developing Data Models with LookML | ⌘ 1 DAY
-  Looker Developer Deep Dive | ⌘ 2 DAYS
-  Analyze and Visualize Looker Data
-  Understanding LookML in Looker
-  Applying Advanced LookML Concepts in Looker
-  Build LookML Objects in Looker
-  Manage Data Models in Looker

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Dataflow

Overview

Serverless, fast, and cost-effective streaming analytics for stream and batch data processing.

What will you learn

- SQL, DataFrames, BigQuery IO, Pub/Sub;
- Kafka IO, and more.

 On-demand

 Data Sheet

 Virtual and in-person Classroom

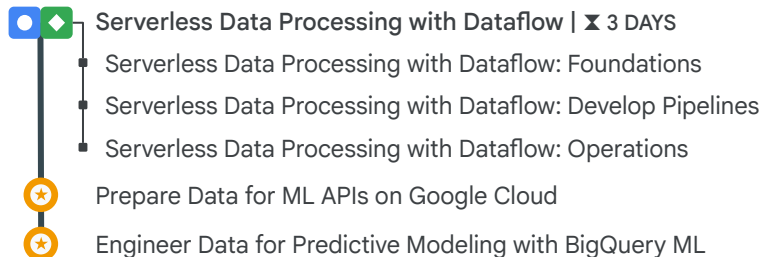
 Skills Boost

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Cloud Data Fusion

Overview

Data integration created for building and managing data pipelines. Fully managed, cloud-native data integration at any scale. Data Fusion is built using open source project CDAP, and this open core ensures data pipeline portability for users.

What will you learn

- Core components of Cloud Data Fusion
- Wrangler, connectors, and configuring execution environment

-  On-demand

 Virtual and in-person Classroom

 Skill badge

 Self-paced Labs

 Resource
- DS

Data Sheet

SB

Skills Boost

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Data Integration with Cloud Data Fusion | x 2 DAYS

Building Codeless Pipelines on Cloud Data Fusion



Cloud SQL

Overview

Utilize Google Cloud tools to fully manage relational database service for MySQL, PostgreSQL, and SQL Server.

What will you learn

- Google Compute Engine;
- Google Cloud Storage, and more.

-  On-demand
-  Virtual and in-person Classroom
-  Skill badge
-  Self-paced Labs
-  Resource
-  Data Sheet
-  Skills Boost
- [Public Classroom Schedule](#)



Enterprise Database Migration

Migrate MySQL data to Cloud SQL using Database Migration Service

Cloud SQL

Create and Manage PostgreSQL Databases on Cloud SQL



Vertex AI

Overview

Build, deploy, and scale ML models faster, with pre-trained and custom tooling within a unified artificial intelligence platform.

What will you learn

- Dataproc, Cloud SQL, BigQuery;
- BigQuery ML, Pub/Sub, and more.

 On-demand

 Data Sheet

 Virtual and in-person

 Skills Boost

 Classroom

 Skill badge

 Self-paced Labs

 Resource

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Machine learning on Google Cloud | ⌘ 4 DAYS

[DS](#)

[SB](#)

• Launching into Machine Learning

[SB](#)

• Introduction to TensorFlow

[SB](#)

• Feature Engineering

[SB](#)

• Machine Learning in the Enterprise

[SB](#)

OR



Advanced Solutions Lab | ⌘ 5 WEEKS

[↗](#)



Build and Deploy ML Solutions on Vertex AI

[SB](#)

Thank You

