

# Google Cloud Learning Paths on Google Cloud Skills Boost



# Product-based learning paths





## Infrastructure Modernization

### Product: Compute

		Links	
Learn	Google Cloud Fundamentals: Core Infrastructure *   1 DAY	◊●	<a href="#">DS</a> <a href="#">SB</a>
	Architecting with Google Compute Engine   3 DAYS	◊●	<a href="#">DS</a> <a href="#">SB</a>
	Reliable Google Cloud Infrastructure: Design and Process   2 DAYS	◊●	<a href="#">DS</a> <a href="#">SB</a>
Practice	Implement Load Balancing on Compute Engine	★	<a href="#">SB</a>
	VM Migration	✓	<a href="#">SB</a>
	Understanding Your Google Cloud Costs	●✓	<a href="#">SB</a>
	Optimizing Your Google Cloud Costs	●✓	<a href="#">SB</a>

### Product: Operations

		Links	
Learn	Developing a Google SRE Culture   4 HOURS	●	<a href="#">DS</a> <a href="#">SB</a>
	Logging and Monitoring in Google Cloud   2 DAYS	◊●	<a href="#">DS</a> <a href="#">SB</a>
	Reliable Google Cloud Infrastructure: Design and Process   2 DAYS	◊●	<a href="#">DS</a> <a href="#">SB</a>
Practice	Google Cloud's Operations Suite	✓	<a href="#">SB</a>
	Google Cloud's Operations Suite on GKE	✓	<a href="#">SB</a>
	Monitor and Log with Google Cloud Operations Suite	★	<a href="#">SB</a>
	Implement DevOps Workflows in Google Cloud	★	<a href="#">SB</a>
	Managing Cloud Infrastructure with Terraform	★	<a href="#">SB</a>

If switching public cloud providers, try Google Cloud Fundamentals for AWS or Azure Professionals. | \* \* Available at no cost at Google Cloud Skills Boost.

Note: When a course is offered as both on-demand and in a classroom, the duration reflects the classroom experience. Additional custom training options are available on request.



## Application Modernization <>

### Product: Cloud Run

		Links	
Learn	Application Development with Cloud Run   3 DAYS		<a href="#">DS</a> <a href="#">SB</a>
	Architecting with Google Compute Engine   3 DAYS		<a href="#">DS</a> <a href="#">SB</a>
	Reliable Google Cloud Infrastructure: Design and Process   2 DAYS		<a href="#">DS</a> <a href="#">SB</a>
Practice	Develop Serverless Applications on Cloud Run		<a href="#">SB</a>
	Google Cloud Run Serverless Workshop		<a href="#">SB</a>

## Security

### Product: Cloud Identity

		Links	
Learn	Introduction to Cloud Identity   1 DAY		<a href="#">DS</a> <a href="#">SB</a>
Practice	Implement Cloud Security Fundamentals on Google Cloud		<a href="#">SB</a>



## Hybrid and Multi-Cloud

### Product: Google Kubernetes Engine (GKE)

		Links	
Learn	Getting Started with Google Kubernetes Engine   1 DAY	◊ ●	<a href="#">DS</a> <a href="#">SB</a>
	Architecting with Google Kubernetes Engine   3 DAYS	◊ ●	<a href="#">DS</a> <a href="#">SB</a>
Practice	Deploy Kubernetes Applications on Google Cloud	★	<a href="#">SB</a>
	Optimize Costs for Google Kubernetes Engine	★	<a href="#">SB</a>

### Product: Anthos

		Links	
Learn	Architecting Hybrid Cloud Infrastructure with Anthos   4 DAYS	◊ ●	<a href="#">DS</a> <a href="#">SB</a>



## Smart Analytics and Data Management

### Product: BigQuery

		Links	
Learn	From Data to Insights with Google Cloud   3 DAYS	◊ ●	<a href="#">DS</a> <a href="#">SB</a>
	Data Warehousing with BigQuery: Storage Design, Query Optimization, and Administrative   3 DAYS	◊	<a href="#">DS</a>
	Migrating Amazon Redshift User to BigQuery   1 DAY	◊	<a href="#">DS</a>
	Migrating Snowflake User to BigQuery   1 DAY	◊	<a href="#">DS</a>
Practice	Derive Insights from BigQuery Data	★	<a href="#">SB</a>
	BigQuery Basics for Data Analysts	✓	<a href="#">SB</a>
	Create ML Models with BigQuery ML	★	<a href="#">SB</a>
	Build a Data Warehouse with BigQuery	★	<a href="#">SB</a>

### Product: Looker

		Links	
Learn	Analyzing and Visualizing Data in Looker   1 DAY	◊ ●	<a href="#">DS</a> <a href="#">SB</a>
	Developing Data Models with LookML   1 DAY	◊ ●	<a href="#">DS</a> <a href="#">SB</a>
Practice	Analyze and Visualize Looker Data	★	<a href="#">SB</a>
	Understanding LookML in Looker	✓	<a href="#">SB</a>
	Applying Advanced LookML Concepts in Looker	✓	<a href="#">SB</a>
	Build LookML Objects in Looker	★	<a href="#">SB</a>
	Manage Data Models in Looker	★	<a href="#">SB</a>



## Smart Analytics and Data Management

### Product: Dataflow

		Links
Learn	Serverless Data Processing with Dataflow   3 DAYS	◊ ● <a href="#">DS</a> <a href="#">SB</a>
Practice	Prepare Data for ML APIs on Google Cloud	★ <a href="#">SB</a>
	Engineer Data for Predictive Modeling with BigQuery ML	★ <a href="#">SB</a>

### Product: Cloud Data Fusion

		Links
Learn	Data Integration with Cloud Data Fusion   2 DAYS	◊ <a href="#">DS</a>
Practice	Building Codeless Pipelines on Cloud Data Fusion	✓ <a href="#">SB</a>



### Smart Analytics and Data Management



#### Product: Cloud SQL

		Links	
Learn	Enterprise Database Migration   4 DAYS	●	<a href="#">DS</a> <a href="#">SB</a>
Practice	Migrate MySQL data to Cloud SQL using Database Migration Service	★	<a href="#">SB</a>
	Cloud SQL	✓	<a href="#">SB</a>
	Manage PostgreSQL Databases on Cloud SQL	★	<a href="#">SB</a>

### Machine Learning and Artificial Intelligence



#### Product: Vertex AI

		Links	
Learn	Machine Learning on Google Cloud   4 DAYS	◇ ●	<a href="#">DS</a> <a href="#">SB</a>
	Advanced Solutions Lab   5 WEEKS	◇	<a href="#">⇄</a>
Practice	Build and Deploy ML Solutions on Vertex AI	★	<a href="#">SB</a>