

## Google Cloud Digital Leader TOC

### About Course

**Sunshine Learning & Technologies** helps you in gaining foundational literacy in Cloud & Digital Transformation. A Google Cloud Digital Leader can distinguish and evaluate the various capabilities of Google Cloud core products and services and how they can be used to achieve desired business goals. A Cloud Digital Leader is well-versed in basic cloud concepts and can demonstrate a broad application of cloud computing knowledge in a variety of applications.

The Cloud Digital Leader exam is job-role independent. The exam assesses the knowledge and skills of individuals who want or are required to understand the purpose and application of Google Cloud products.

### Google Cloud Digital Leader Training Curriculum:

#### 1. Introduction to Google Cloud

- Overview of cloud computing
- Introduction to Google Cloud Platform
- Understanding the benefits of Google Cloud Platform
- Google Cloud Platform services overview

#### 2. Google Cloud Infrastructure and Services

- Compute resources: Google Compute Engine (GCE), Google Kubernetes Engine (GKE), and Google App Engine (GAE)
- Storage resources: Google Cloud Storage (GCS), Google Cloud SQL, and Google Cloud Bigtable
- Network resources: Google Virtual Private Cloud (VPC), Google Cloud Load Balancing, and Google Cloud DNS
- Data Analytics resources: Google BigQuery and Google Cloud Dataflow

#### 3. Google Cloud Management Tools

- Google Cloud Console: Introduction and Navigation
- Resource Manager: Managing resources with projects, folders, and organizations
- Identity and Access Management (IAM): Setting up users and permissions
- Stackdriver: Monitoring and logging Google Cloud Platform resources

#### 4. Google Cloud Solutions



- Big Data and Machine Learning: Google Cloud Machine Learning Engine, Google Cloud Dataflow, and Google Cloud Dataproc
- Internet of Things (IoT): Google Cloud IoT Core and Google Cloud Pub/Sub
- Application Development: Google Cloud Functions and Google Cloud Endpoints
- Security and Compliance: Google Cloud Security Scanner and Google Cloud Identity-Aware Proxy

## **5. Google Cloud Migration and Deployment**

- Migration to Google Cloud: Planning and executing a migration to Google Cloud Platform
- Deployment: Deploying applications and services on Google Cloud Platform
- Best Practices: Best practices for Google Cloud Platform deployment and management

## **6. Google Cloud Cost Management**

- Understanding Google Cloud pricing models
- Cost management tools and strategies for Google Cloud Platform
- Optimizing and reducing Google Cloud Platform costs

## **7. Google Cloud Case Studies**

- Real-world examples of companies using Google Cloud Platform
- Benefits and outcomes of using Google Cloud Platform
- Key takeaways from case studies

## **8. Google Cloud Exam Preparation**

- Tips and strategies for preparing for the Google Cloud Digital Leader certification exam
- Sample exam questions and answers
- Additional resources for exam preparation

Note: The content covered in the exam may be updated from time to time, so it's important to check the official Google Cloud website for the latest information on exam content and certification requirements.

