



GOOGLE CLOUD TRAINING

Data Analytics In Google Cloud Platform

Master data analytics on Google Cloud Platform. Learn to process, analyze, and visualize big data efficiently.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Unlock the power of your data with our 'Data Analytics In Google Cloud Platform' course, designed for intermediate-level professionals eager to harness Google Cloud's robust capabilities. This intensive 2-hour program provides a focused deep dive into the essential GCP services for transforming raw data into actionable insights. You'll gain practical experience with core technologies such as BigQuery for scalable data warehousing and analytics, Dataflow for stream and batch processing (conceptually), and Looker Studio for dynamic data visualization, empowering you to build modern, efficient data solutions.

This course is meticulously crafted to equip you with the skills needed to design, implement, and manage end-to-end data analytics pipelines within the Google Cloud ecosystem. By mastering these cloud-native tools, you will learn to ingest, process, store, and visualize large datasets effectively, contributing significantly to data-driven decision-making within your organization. The emphasis is on hands-on application, ensuring you not only understand the concepts but can immediately apply them to real-world data challenges.

Upon completion, you will be proficient in leveraging GCP's powerful suite to perform complex data analysis, develop insightful reports, and contribute to advanced analytics projects. This specialization will significantly enhance your professional profile, opening doors to advanced roles that demand expertise in cloud-based data solutions and Google Cloud Platform.

Duration	2 hours
Level	Intermediate
Vendor	Google Cloud

COURSE CURRICULUM

01 Module 1: Foundations of Data Analytics on GCP

- Overview of Google Cloud's data ecosystem
- Introduction to BigQuery: Concepts, architecture, and basic querying
- Setting up a GCP project for data analytics

02 Module 2: Ingesting and Processing Data

- Loading data into BigQuery (batch and streaming concepts)
- Introduction to Dataflow and Dataproc for ETL/ELT (conceptual overview and use cases)
- Real-time data ingestion concepts with Pub/Sub

03 Module 3: Advanced BigQuery and Data Visualization

- Advanced BigQuery SQL (window functions, subqueries, user-defined functions)
- Optimizing BigQuery performance and cost management
- Connecting BigQuery to Looker Studio for dashboard creation
- Building interactive reports and visualizations

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > Google Cloud Data Engineer
- > Cloud Business Intelligence Specialist
- > GCP-focused Data Analyst

FREQUENTLY ASKED QUESTIONS

Q: What prior experience or knowledge is required to get the most out of this Data Analytics in Google Cloud Platform course?

This intermediate-level course assumes a foundational understanding of SQL and basic data concepts. While prior experience with Google Cloud is beneficial, it's not strictly required, as we'll cover key GCP services in the context of data analytics. Familiarity with general data warehousing or data processing principles will also be helpful.

Q: What specific, hands-on skills will I acquire that are directly applicable to a data professional's role using Google Cloud?

You will gain practical skills in leveraging BigQuery for complex data querying, schema design, and performance optimization. You'll learn how to approach data ingestion scenarios within GCP and build interactive dashboards using Looker Studio connected to BigQuery, enabling you to derive and present insights from large datasets efficiently.

Q: How does mastering Data Analytics in Google Cloud Platform through this course enhance my career opportunities in the current job market?

Proficiency in Google Cloud's data analytics suite is a highly sought-after skill. This course positions you as a specialist capable of designing and implementing scalable cloud-native data solutions, making you a strong candidate for roles such as Google Cloud Data Engineer, Cloud BI Developer, or a Data Analyst specializing in GCP environments. It demonstrates your ability to leverage cutting-edge cloud technology for data-driven strategies.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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