



GOOGLE CLOUD TRAINING

Google Data Analytics Cert

Master data analysis fundamentals and unlock insights with Google tools. Earn your Google Data Analytics Cert to drive data-driven decisions.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

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- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

The Google Data Analytics Certificate, offered through Computer Pride, is an intensive and practical program designed to equip you with the foundational skills needed to kickstart a career in the rapidly growing field of data analytics. This intermediate-level course dives deep into the entire data analysis process, from asking the right questions and preparing data for analysis to processing, analyzing, visualizing, and sharing your findings. You will gain hands-on experience with industry-standard tools and technologies including spreadsheets (Google Sheets), SQL for database querying, R programming for statistical analysis, and Tableau for impactful data visualization.

This certification goes beyond theoretical knowledge, focusing on real-world scenarios and project-based learning to ensure you develop job-ready skills. By mastering these core technologies, you will be able to transform complex data into actionable insights, helping organizations make data-driven decisions. The professional benefits are immense, offering a clear pathway into lucrative data roles and providing you with an internationally recognized credential that demonstrates your proficiency to potential employers, both locally in Kenya and globally. Elevate your career prospects and become an invaluable asset in any data-centric environment.

Duration	2 hours
Level	Intermediate
Vendor	Google Cloud

COURSE CURRICULUM

01 Module 1: Foundations of Data Analysis

- What is Data Analytics?
- The Data Analysis Process: Ask, Prepare, Process, Analyze, Share, Act
- Data Types and Structures
- Ethical Considerations in Data Analytics
- Introduction to Google Data Analytics Ecosystem

02 Module 2: Data Preparation and Cleaning with Spreadsheets and SQL

- Organizing and Filtering Data in Google Sheets
- Identifying and Handling Missing or Inconsistent Data
- Introduction to SQL for Data Querying
- Basic SQL Commands: SELECT, FROM, WHERE, ORDER BY
- Data Validation and Quality Checks

03 Module 3: Advanced Data Manipulation with SQL

- Working with Relational Databases
- Using Aggregate Functions (COUNT, SUM, AVG, MIN, MAX)
- Joining Multiple Tables (INNER, LEFT, RIGHT, FULL JOIN)
- Subqueries and Common Table Expressions (CTEs)
- Case Studies in SQL for Business Problems

04 Module 4: Data Analysis with R Programming

- Introduction to R and RStudio Environment
- Data Structures in R (Vectors, Lists, Data Frames)
- Data Manipulation with Tidyverse (dplyr)
- Basic Statistical Analysis in R

- Creating Functions and Loops

05 Module 5: Data Visualization and Storytelling with Tableau

- Principles of Effective Data Visualization
- Creating Charts and Graphs in Tableau (Bar, Line, Pie, Scatter Plots)
- Building Interactive Dashboards and Reports
- Storytelling with Data: Communicating Insights
- Best Practices for Presenting Data

06 Module 6: Capstone Project: End-to-End Data Analysis

- Defining a Business Problem and Data Requirements
- Collecting, Cleaning, and Preparing a Real-World Dataset
- Performing In-depth Analysis using SQL, R, or Spreadsheets
- Developing a Comprehensive Data Visualization Dashboard in Tableau
- Presenting Findings and Recommendations to Stakeholders

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Data Analyst**
- > **Business Intelligence Reporting Specialist**
- > **Marketing Data Coordinator**

FREQUENTLY ASKED QUESTIONS

Q: What specific skills will I gain that are most valuable for securing a data analytics job in the Kenyan market?

This certification focuses on highly demanded skills in Kenya, including robust data cleaning and organization using Google Sheets, advanced SQL for database querying, practical data manipulation and statistical analysis with R, and impactful data visualization using Tableau. These tools are widely adopted by Kenyan businesses, making you highly competitive for roles requiring immediate analytical contributions.

Q: Is this certification suitable for someone with no prior experience in data analysis or programming?

Absolutely! The Google Data Analytics Certificate is designed to be accessible for beginners, guiding you from fundamental concepts to advanced techniques. While it's an 'Intermediate' level in terms of the depth of topics covered, the modules start with the basics of spreadsheets and SQL before progressing to R and Tableau. No prior programming experience is strictly required, as the course provides comprehensive introductions to all tools.

Q: How does this Google Data Analytics certification help me build a professional portfolio?

A key component of this certification is its project-based learning approach, culminating in a comprehensive capstone project in Module 6. You will apply all learned skills to solve a real-world data problem, creating a tangible project that can be showcased to potential employers. Additionally, throughout the course, you'll complete various hands-on exercises and smaller projects that contribute to a strong portfolio demonstrating your practical data analytics capabilities.

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.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke