GTC Transforming Emerging Economies

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From Data to Insights with Google Cloud

COURSE OVERVIEW

This course teaches participants how to derive insights through data analysis and visualization using the Google Cloud Platform. The course features interactive scenarios and hands-on labs where participants explore, mine, load, visualize, and extract insights from diverse Google BigQuery datasets. The course covers data loading, querying, schema modelling, optimizing performance, query pricing, and data visualization.

WHO SHOULD ATTEND?

This course is ideal for Data Analysts, Business Analysts, and Business Intelligence (BI) professionals who want to enhance their data analysis, visualization, and reporting skills using Google Cloud. It is also suited for Cloud Data Engineers who collaborate with analysts to build and support scalable data solutions on the Google Cloud Platform.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Derive insights from data using analysis and visualization tools on Google Cloud Platform.
- Interactively query datasets using Google BigQuery.
- Load, clean, and transform data at scale.
- Visualize data using Google Data Studio and other third-party platforms.
- Distinguish between exploratory and explanatory analytics and determine when to use each approach.
- Explore new datasets and uncover hidden insights effectively
- Optimize data models and queries for price and performance.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- BigQuery fundamentals.
- Data loading and querying.
- Data visualization with Looker Studio.
- Building dashboards and reports.
- Data analysis using SQL.
- Connecting data sources.
- Machine learning with BigQuery ML.
- Best practices for data insights.
- Real-world use cases.
- Hands-on labs and demos.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.
1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded