Build Streaming Data Pipelines on Google Cloud Training

Duration: **1 Day**

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Overview

In this course you will get hands-on in order to work through real-world challenges faced when building streaming data pipelines. The primary focus is on managing continuous, unbounded data with Google Cloud products.

Prerequisites

Participants should have:

- Proficiency in a common programming language like Python
- A strong understanding of SQL
- Data fundamentals like data modelling, formats, and ETL/ELT processes
- Familiarity with the Google Cloud Platform (GCP)

Target audience

This course is designed for:

- Data Engineers
- Data Analysts
- Data Architects

What You Will Learn

By the end of this course, learners will be able to:

- Ingest and manage streaming data using Pub/Sub and Managed Service for Apache Kafka
- Build and deploy streaming data pipelines with Dataflow
- Implement streaming data solutions for real-time analytics and application serving with BigQuery and Bigtable