Introduction to Data Engineering on Google Cloud Training

Duration: **1 Day**

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Overview

In this course, you learn about data engineering on Google Cloud, the roles and responsibilities of data engineers, and how those map to offerings provided by Google Cloud. You also learn about ways to address data engineering challenges.

Prerequisites

Before starting this learning path, you should already have:

- Prior Google Cloud experience at the fundamental level using Cloud Shell and accessing products from the Google Cloud console.
- Basic proficiency with a common query language such as SQL.
- Experience with data modelling and ETL (extract, transform, load) activities.
- Experience developing applications using a common programming language such as Python.

Target audience

The target audience is aimed at: Data engineers, Database administrators and System administrators.

What You Will Learn

By the end of this course, learners will:

- Understand the role of a data engineer.
- Identify data engineering tasks and core components used on Google Cloud.
- Understand how to create and deploy data pipelines of varying patterns on Google Cloud.
- Identify and utilize various automation techniques on Google Cloud.