

# Data Engineering on Google Cloud Platform (DEGCP)

**ID** DEGCP **Price** CHF 3,380.—(excl. VAT) **Duration** 4 days

## Who should attend

This class is intended for developers who are responsible for:

- Extracting, loading, transforming, cleaning, and validating data.
- Designing pipelines and architectures for data processing.
- Integrating analytics and machine learning capabilities into data pipelines.
- Querying datasets, visualizing query results, and creating reports.

## Prerequisites

To benefit from this course, participants should have completed “Google Cloud Big Data and Machine Learning Fundamentals” or have equivalent experience.

Participants should also have:

- Basic proficiency with a common query language such as SQL.
- Experience with data modeling and ETL (extract, transform, load) activities.
- Experience with developing applications using a common programming language such as Python.
- Familiarity with machine learning and/or statistics.

## Course Objectives

- Design and build data processing systems on Google Cloud.
- Process batch and streaming data by implementing autoscaling data pipelines on Dataflow.
- Derive business insights from extremely large datasets using BigQuery.
- Leverage unstructured data using Spark and ML APIs on Dataproc.
- Enable instant insights from streaming data.
- Understand ML APIs and BigQuery ML, and learn to use AutoML to create powerful models without coding.

## Training Centres worldwide



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