

Data Engineering on Google Cloud Platform (DEGCP)

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

Who should attend

AutoML to create powerful models without coding.

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.

This course is part of the following Certifications

Google Cloud Certified Professional Data Engineer (PDE)

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

Training Centres worldwide



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