Serverless Data Processing with Dataflow (SDPF)

ID SDPF   **Price** CHF 2,220.—(excl. VAT)   **Duration** 3 days

Who should attend

- Data engineer.
- Data analysts and data scientists aspiring to develop data engineering skills

Prerequisites

To get the most out of this course, participants should have completed the following courses:

- Building Batch Data Pipelines
- Building Resilient Streaming Analytics Systems

Course Objectives

- Demonstrate how Apache Beam and Dataflow work together to fulfill your organization's data processing needs.
- Summarize the benefits of the Beam Portability Framework and enable it for your Dataflow pipelines.
- Enable Shuffle and Streaming Engine, for batch and streaming pipelines respectively, for maximum performance.
- Enable Flexible Resource Scheduling for more cost-efficient performance.
- Select the right combination of IAM permissions for your Dataflow job.
- Implement best practices for a secure data processing environment.
- Select and tune the I/O of your choice for your Dataflow pipeline.
- Use schemas to simplify your Beam code and improve the performance of your pipeline.
- Develop a Beam pipeline using SQL and DataFrames.
- Perform monitoring, troubleshooting, testing and CI/CD on Dataflow pipelines.

Training Centres worldwide

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