Data Warehousing with BigQuery: Storage Design, Query Optimization, and Administration (DWBQ-SDQA)

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

Who should attend

Data analysts, data scientists, data engineers, and developers who perform work on a scale that requires advanced BigQuery internals knowledge to optimize performance.
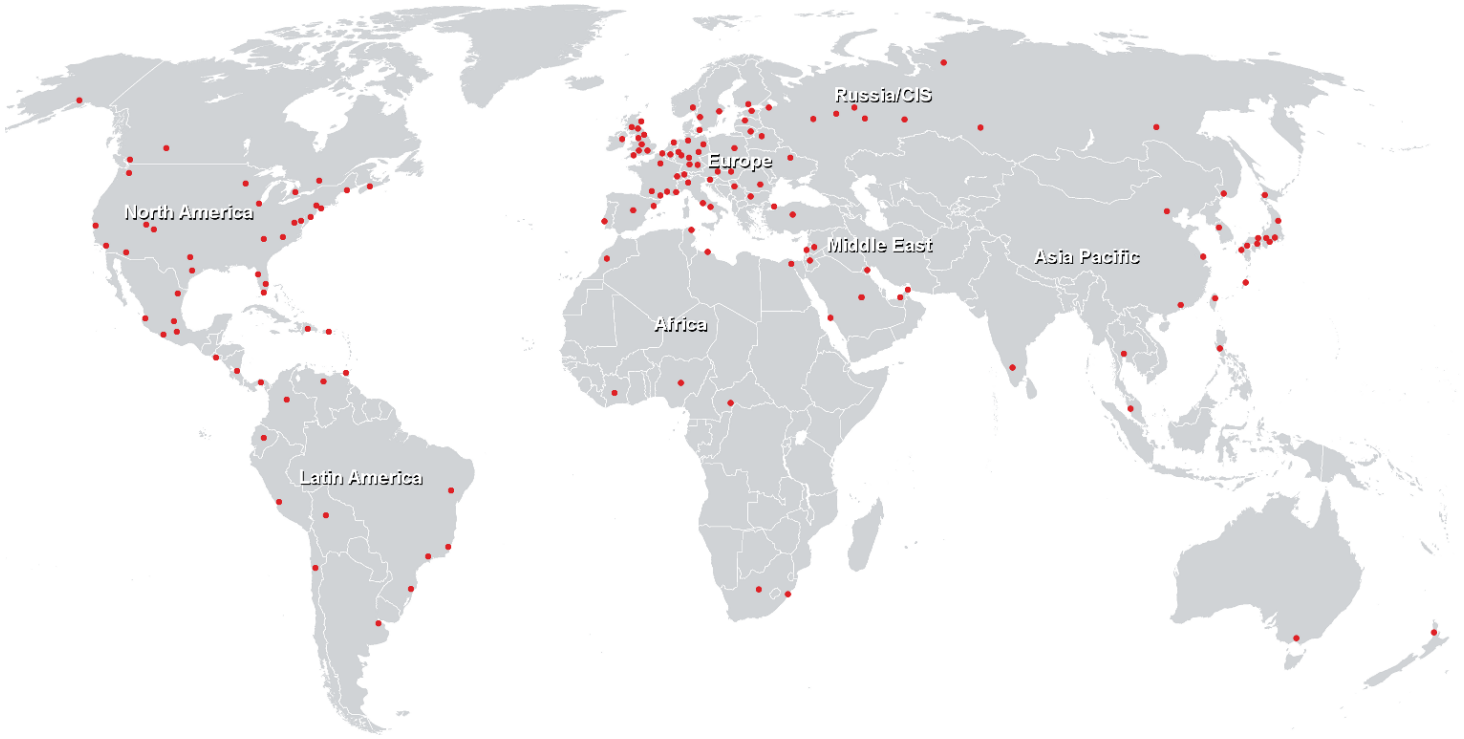
Prerequisites

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Course Objectives

- Describe BigQuery architecture fundamentals.
- Implement storage and schema design patterns to improve performance.
- Use DML and schedule data transfers to ingest data.
- Apply best practices to improve read efficiency and optimize query performance.
- Manage capacity and automate workloads.
- Understand patterns versus anti-patterns to optimize queries and improve read performance.
- Use logging and monitoring tools to understand and optimize usage patterns.
- Apply security best practices to govern data and resources.
- Build and deploy several categories of machine learning models with BigQuery ML.

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