

Course : Introduction to Data Analytics on Google Cloud

Official course, preparation for Google Cloud certifications

Practical course - 1d - 7h00 - Ref. GDA

Price : 850 € E.T.

NEW

With this training, you'll gain a solid understanding of the fundamental concepts of data analysis, and learn how to use Google Cloud tools to explore, transform, visualize and add value to data in support of decision-making.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Describe the data analysis workflow on Google Cloud and summarize the different types of analysis.
- ✓ Identify Google Cloud data analysis products
- ✓ Describe how Google Cloud data analysis products are used to work with data
- ✓ Describe data sources, data structures and data storage options in Google Cloud
- ✓ Using BigQuery, Looker and Looker Studio to answer data questions

Intended audience

Data analysts.

Prerequisites

Basic knowledge of SQL, basic understanding of data concepts (relational, non-relational) and storage (datafake, datawarehouse).

Certification

This course prepares you for Google Cloud certifications.

[Comment passer votre examen ?](#)

Practical details

Teaching methods

Training in French. Official course material in digital format and in English. Good understanding of written English.

PARTICIPANTS

Data analysts.

PREREQUISITES

Basic knowledge of SQL, basic understanding of data concepts (relational, non-relational) and storage (datafake, datawarehouse).

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

Course schedule

1 Understanding the data analysis lifecycle on Google Cloud

- Analyze the data analysis workflow.
- Analyze data sources.
- Study storage methods.
- Analyze Google Cloud data products.
- Examine data types.

2 Explore data and extract information using BigQuery

- Analyze BigQuery services, features and organization.
- Manage data storage.
- Analyze basic SQL.
- Analyze answers to data-driven questions.

Hands-on work

Getting started with BigQuery via the Google Cloud Console. Introduction to SQL for BigQuery and Cloud SQL. Getting started with BigLake. Analyzing data with Gemini Assistance.

3 Make data-driven decisions using Looker

- Analyze Looker data mining terms and concepts.
- Describes Looks and dashboards.
- Design interactive visualizations and dashboards with Looker studios.
- Analyze report sharing between Looker and Looker studio to visualize data.
- Study Looker Studio.

Hands-on work

Getting started with Looker Explore and Looker Studio.

Dates and locations

REMOTE CLASS

2026 : 2 Apr., 25 June, 8 Oct., 17 Dec.

PARIS LA DÉFENSE

2026 : 2 Apr., 25 June, 8 Oct., 17 Dec.

TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.