



Consulting
& Training

From Data to Insights with Google Cloud Platform

FORMACIÓN OFICIAL CERTIFICADA



(34) 915 53 61 62



Calle de la Basílica, 19
28020 Madrid



info@cas-training.com



Duración

21 horas



Modalidad

Aula Virtual



**Learning
by doing**



**Curso
Oficial**

Próximas convocatorias



Para reservar tu plaza, déjanos tus datos utilizando el formulario.

Acerca de:

Explore ways to derive insights from data at scale using BigQuery, Google Cloud's serverless, highly scalable, and cost-effective cloud data warehouse. This course uses lectures, demos, and hands-on labs to teach you the fundamentals of BigQuery, including how to create a data transformation pipeline, build a BI dashboard, ingest new datasets, and design schemas at scale.





Dirigido a:

- Data Analysts, Business Analysts, Business Intelligence professionals
- Cloud Data Engineers who will be partnering with Data Analysts to build scalable data solutions on Google Cloud Platform

Objetivos:

- Derive insights from data using the analysis and visualization tools on Google Cloud Platform
- Load, clean, and transform data at scale with GoogleCloud Dataprep
- Explore and Visualize data using Google Data Studio
- Troubleshoot, optimize, and write high performance queries
- Practice with pre-built ML APIs for image and text understanding
- Train classification and forecasting ML models using SQLwith BQML

Requisitos:

Basic proficiency with ANSI SQL

Material del curso:

Documentación Oficial de Google Cloud -From Data to Insights with Google Cloud Platform

Perfil del docente:

- Formador Certificado por Google
- Más de 5 años de experiencia profesional
- Más de 4 años de experiencia docente
- Profesional activo en empresas del sector IT





Metodología:

- “Learning by doing” se centra en un contexto real y concreto, buscando un aprendizaje en equipo para la resolución de problemas en el sector empresarial.
- Aulas con grupos reducidos para que el profesional adquiera la mejor atención por parte de nuestros instructores profesionales.
- El programa de estudios como partners oficiales es confeccionado por nuestro equipo de formación y revisado por las marcas de referencia en el sector.
- La impartición de las clases podrá ser realizada tanto en modalidad Presencial como Virtual.





Contenidos:

Modulo 1: Introduction to Data on the Google Cloud Platform

Modulo 2: Big Data Tools Overview

Modulo 3: Exploring your Data with SQL

Modulo 4: Google BigQuery Pricing

Modulo 5: Cleaning and Transforming your Data

Modulo 6: Storing and Exporting Data

Modulo 7: Ingesting New Datasets into Google BigQuery

Modulo 8: Data Visualization

Modulo 9: Joining and Merging Datasets

Modulo 10: Advanced Functions and Clauses

Modulo 11: Schema Design and Nested Data Structures

Modulo 12: More Visualization with Google Data Studio





Modulo 13: Optimizing for Performance

Modulo 14: Data Access

Modulo 15: Notebooks in the Cloud

Modulo 16: How Google does Machine Learning

Modulo 17: Applying Machine Learning to your Datasets (BQML)





Consulting & Training

Partners

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Centro examinador



Calle de la Basílica, 19
28020 Madrid

(+34) 91 553 61 62

info@cas-training.com

Carrer de la Ciutat de Granada, 150
08055 Barcelona

(+34) 93 585 18 70

info@cas-training.com