

# GOOGLE CLOUD BIG DATA AND MACHINE LEARNING FUNDAMENTALS

Course Code: 8325

Learn about the Google Cloud big data capabilities.

This one-day instructor-led course introduces participants to the big data capabilities of Google Cloud Platform. Through a combination of presentations, demos, and hands-on labs, you will get an overview of the Google Cloud platform and a detailed view of the data processing and machine learning capabilities. This course showcases the ease, flexibility, and power of big data solutions on Google Cloud Platform.

## What You'll Learn

- Purpose and value of the key Big Data and Machine Learning products in the Google Cloud Platform
- Use Cloud SQL and Cloud Dataproc to migrate existing MySQL and Hadoop/Pig/Spark/Hive workloads to Google Cloud Platform
- Employ BigQuery and Cloud Datalab to carry out interactive data analysis
- Train and use a neural network using TensorFlow
- Employ ML APIs
- Choose between different data processing products on the Google Cloud Platform

## Who Needs to Attend

- Data analysts getting started with Google Cloud Platform
- Data scientists getting started with Google Cloud Platform
- Business analysts getting started with Google Cloud Platform
- Individuals responsible for designing pipelines and architectures for data processing, creating and maintaining machine learning and statistical models, querying datasets, visualizing query results and creating reports
- Executives and IT decision makers evaluating Google Cloud Platform for use by data scientists

## Prerequisites

- Basic proficiency with common query language such as SQL
- Experience with data modeling, extract, transform, load activities
- Developing applications using a common programming language such Python

- Familiarity with Machine Learning and/or statistics



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VIRTUAL CLASSROOM LIVE

\$900 USD

1 Day

Nov 12 - 12, 2025 | 9:00 AM - 6:00 PM EST



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PRIVATE GROUP TRAINING

1 Day

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Date created: 5/2/2025 8:21:20 PM

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