

Intro to BigQuery: Analytics & Machine Learning

This Cloud Hero game equips you with BigQuery, Google's powerful data warehouse, for analyzing massive datasets using familiar SQL. Go a step further and explore BigQuery Machine Learning (ML) to build models directly in BigQuery. Through hands-on labs, you'll learn to unearth public datasets, seamlessly import them, and craft efficient data structures for analysis. Furthermore, you'll delve into BigQuery ML to predict customer behavior and even forecast taxi fares using real-world data.

**DURATION**

3.5 hours

**LEVEL**

100 - Introductory

**FORMAT**

Instructor-led

What you'll learn

Overview	4 modules
Who this course is for	Someone looking to learn BigQuery ML. This course pairs well with the BigQuery Skills Cloud Hero and is a great follow up or can be done stand-alone.
Products	- BigQuery Studio - BigQuery - BigQuery ML
Prerequisites	Basic understanding of BigQuery.

Module 01

BigQuery: Qwik Start - Command Line

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| Activities | <ul style="list-style-type: none">GSP071 - BigQuery: Qwik Start - Command Line (30 mins) |
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Module 02

Ingesting New Datasets into BigQuery

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| Activities | <ul style="list-style-type: none">GSP411 - Ingesting New Datasets into BigQuery (60 mins) |
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Module 03

Getting Started with BigQuery ML

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| Activities | <ul style="list-style-type: none">GSP247 - Getting Started with BigQuery ML (45 mins) |
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Module 04

Predict Taxi Fare with a BigQuery ML Forecasting Model

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| Activities | <ul style="list-style-type: none">GSP246 - Predict Taxi Fare with a BigQuery ML Forecasting Model (60 mins) |
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