



Cloud Hero: Looker Skills

Course description

Learn how to explore, analyze, visualize, filter, sort, and combine data using Looker. Build practical business intelligence skills and transform data into actionable insights through hands-on Cloud Hero challenges.

Through guided labs and real-world business scenarios, learners will gain confidence in transforming raw data into meaningful insights that support informed decision-making.

- Course level: Introductory
- Duration: 1 day

Activities

This course includes gamified cloud hero learning experience, hands-on analytics labs, data exploration exercises, visualization workshops, business intelligence challenges, advanced analytics activities, and real-world data analysis scenarios to reinforce learning.

Course objectives

In this course, you will learn to:

- Navigate and explore datasets using Looker Explores.
- Create meaningful visualizations and dashboards.
- Filter and sort data to uncover business insights.

- Merge results from multiple Explores.
- Use Looker functions and operators for advanced analysis.
- Analyze business data efficiently.
- Generate actionable insights from datasets.
- Build foundational business intelligence and analytics skills.

Key features

- Introduction to Looker Analytics
- Data Exploration and Discovery
- Data Filtering and Sorting
- Data Visualization
- Advanced Data Analysis
- Merging Data Across Sources
- Business Intelligence Foundations
- Hands-On Challenge-Based Learning

Intended audience

This course is intended for:

- Business Analysts
- Data Analysts
- Reporting Professionals
- Business Intelligence Practitioners
- Data-Driven Decision Makers
- Students and Beginners in Analytics
- Professionals New to Looker

Prerequisites

We recommend that attendees of this course have:

- No prior Looker experience required.
- Basic understanding of SQL is helpful but not mandatory.

Products covered

- Looker
- Cloud Firestore
- Cloud Memorystore

Course outline

Module 01 - Looker Data Explorer: Qwik Start

- Looker Interface
- Explores
- Dataset Navigation
- Data Discovery

Module 02 - Filtering and Sorting Data in Looker

- Data Filtering
- Sorting Techniques
- Query Refinement
- Data Analysis

Module 03 - Merging Results from Different Explores in Looker

- Multi-Explore Analysis
- Data Merging
- Combined Reporting
- Cross-Dataset Insights

Module 04 - Looker Functions and Operators

- Functions
- Operators
- Calculated Fields
- Advanced Analysis

Certification details

Participants receive a Cloud Hero completion badge and recognition upon successful completion of all challenge activities.

FAQs

Who should attend this Cloud Hero?

This Cloud Hero is designed for individuals who are completely new to Looker and want to develop practical business intelligence and analytics skills.

Is prior Looker experience required?

No. The challenge is specifically designed for beginners.

Is this a hands-on learning experience?

Yes. The Cloud Hero consists entirely of guided labs and practical analytics challenges.

What analytics skills will I learn?

You will learn data exploration, filtering, sorting, visualization, data merging, and advanced analytical techniques using Looker.

Do I need SQL knowledge?

Basic SQL knowledge is helpful but not required.

What products are used?

The challenge primarily focuses on Looker, with supporting exposure to Cloud Firestore and Cloud Memorystore.

How long does the Cloud Hero take?

The complete Cloud Hero experience takes approximately 210 minutes.

Will I receive a certificate?

Participants typically earn a Cloud Hero completion badge upon successful completion of all challenge activities.