


Lab Title: Model Dimensions and Measures Using LookML

 Lab Type: Hands-on Lab






Duration:  1 hour 30 minutes

Credits:  5 Qwiklabs credits

Level:  Beginner

AI Support:  May include AI tools to assist your learning

Important Notes

-  Use a desktop or laptop to complete this lab.
 -  Only 5 attempts are allowed per lab.
 -  Timer cannot be paused once the lab starts.
 -  Mistakes are part of learning – it's normal to retry tasks or questions.
 -  Review the Lab Technical Tips for guidance.
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Activity Overview

In this lab, you'll work in **Looker's development mode** to create and manage **LookML models**, which form the foundation of Looker's **semantic layer**.

Key Concepts

- **Dimensions:** Descriptive attributes (e.g., product SKU, user email, category)
- **Measures:** Aggregated values (e.g., sum of sales, average price, count of purchases)

You'll define both using **LookML**, enabling stakeholders to extract meaningful insights from the data.

Scenario

The **Head of Analytics at TheLook eCommerce** has launched a project to model company-wide data using LookML. This includes data from:

- Warehouse
- Manufacturing
- Finance
- Sales
- Marketing
- eCommerce

As a **cloud data analyst**, your task is to:

1. Create a **LookML project**
2. Develop **views**
3. Create **measures**
4. Create **dimensions**
5. Build a **Look** (a saved visualization or query)

This will allow stakeholders to derive **business value** from the company's data.


Lab Setup Instructions

Before You Start

- Use a **standard browser** (Chrome recommended).
- Ensure you have **enough time** – the lab is timed and cannot be paused.

Starting the Lab

1. Click **Start Lab**.
2. In the **Lab Details panel**, you'll find:
 - Remaining time
 - **Open Looker** button
 - Temporary **Looker credentials** (username & password)
3. Click **Open Looker**.
4. Copy and paste the credentials into the Looker login dialog.
5. Check "**Stay logged in**" and click **Log In**.

 **Tip:** Arrange your browser tabs side-by-side for easier navigation.