✓ Lab 5 – Task 1: Create a LookML Project

Objective

Activate Development Mode and create a LookML project with a manifest file.

Steps to Complete Task 1

- 1. Activate Development Mode
 - o Toggle the **Development Mode** switch (bottom-right of the UI)
 - o Confirm the banner: You are in Development Mode
- 2. Create the Manifest File
 - Navigate to **Develop > Projects**
 - o Click on the project: dimensions and measures
 - o In the File Browser, click +> Create Project Manifest
 - o Paste the following code below the project name line:

SQL

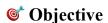
```
lookml n'est pas entièrement prise en charge. La coloration syntaxique est basée sur SQL. constant: CONNECTION_NAME {
    value: "bigquery_public_data_looker"
    export: override_required
    }

constant: DATASET {
    value: "cloud-training-demos.thelook_gcda"
    export: override_required
    }
```

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- 3. Save and Commit Changes
 - o Click Save Changes
 - o Click Commit Changes & Push
 - o Message: created manifest file
 - o Click Commit

✓ Lab 5 – Task 2: Create a Data Model



Create a .model file and set the correct connection parameter.

Steps to Complete Task 2

- 1. In the File Browser, click +> Create Model
- 2. Name the file: dimensions and measures
- 3. In the new .model file, update the connection parameter:

lookml n'est pas entièrement prise en charge. La coloration syntaxique est basée sur SQL. connection: "bigguery public data looker"

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4. Click Save Changes

⚠ A caution symbol may appear — this is expected until a view is created.

Lab 5 – Task 3: Create a View

Objective

Create views from existing tables in the dataset.

Steps to Complete Task 3

- 1. With the .model file open, click +> Create View From Table
- 2. In the Enter custom db field, type: cloud-training-demos and press Enter
- 3. Expand the dataset: thelook_gcda
- 4. Select the following tables:
 - o distribution centers
 - o inventory items
 - o order items
 - o products
 - users
- 5. Scroll down and click Create Views
- 6. Click the link: views/order items.view.lkml to open the generated view

? Quiz Question

What does 'view' refer to in LookML?

☑ Correct Answer: B. A database table or a logical representation of one

Feedback:

In LookML, a **view** represents a **database table** or a **logical abstraction** of one. It defines dimensions, measures, and other elements used in modeling and querying data.