🧪 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**
   - Toggle the **Development Mode** switch (bottom-right of the UI)
   - Confirm the banner: *You are in Development Mode*
2. **Create the Manifest File**
   - Navigate to **Develop > Projects**
   - Click on the project: `dimensions_and_measures`
   - In the **File Browser**, click **+** > **Create Project Manifest**
   - 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
}

Afficher plus de lignes

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

🧪 Lab 5 – Task 2: Create a Data Model

🎯 Objective

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:

SQL
lookml n'est pas entièrement prise en charge. La coloration syntaxique est basée sur SQL.
connection: "bigquery_public_data_looker"

Afficher plus de lignes

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:
   - `distribution_centers`
   - `inventory_items`
   - `order_items`
   - `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.