🧪 Lab 2 Overview: Analyze and Activate Your Data with Looker Enterprise

⏱️ **Duration:** 1 hour 30 minutes
🎯 **Level:** Beginner
💳 **Credits:** 5
📌 **Attempts:** Limited to 5
💡 **Tip:** Take screenshots of each task for your portfolio.

🧭 Objective

Apply your knowledge of the **last two stages of the data journey**—**analyze** and **activate**—by building a **dashboard in Looker Enterprise** that answers key business questions.

🏢 Scenario: TheLook Fintech – Loan Health Dashboard

Trevor, head of Treasury, asks you to build a dashboard that helps the team quickly access insights about loan health. The dashboard should answer four business questions:

1. **Total Outstanding Loan Amount**
   ➤ Sum of all unpaid loan balances.
2. **Loan Status Distribution**
   ➤ Percentage of loans in each status (e.g., current, late, default).
3. **Geographic Distribution**
   ➤ States with the highest number of outstanding loans.
4. **Homeownership & Loan Status**
   ➤ Customers who own homes outright and have current loans.

📊 Dashboard Requirements

You'll build **four visualizations** in Looker:

- A **guided visualization** showing total outstanding loan amount
- A **status-based visualization** showing loan distribution
- A **challenge visualization** showing top 10 states by loan count
- A **table** showing customers who own homes and have current loans

You'll also:

- Enable **cross-filtering**
- Set **refresh rates** for each Look

- Add the dashboard to your **portfolio**

⚙️ Setup Instructions

Before Starting

- Use a **desktop/laptop** (Chrome recommended)
- Open the lab in **Incognito mode** to avoid account conflicts
- Do **not** use your personal Google Cloud account

Starting the Lab

1. Click **Start Lab**
2. Use the **temporary credentials** provided
3. Click **Open Looker**
4. Log in with the **Looker username and password**
5. Select **Stay logged in**, then click **Log In**