🧪 Lab 4 – Task 2: Add a Line Graph to the Dashboard

🎯 Objective

Create a **line graph** showing the **trend of total revenue for 2022 by product category**, and add it to the **Business Insights** dashboard.

🧭 Steps to Complete Task 2

1. **In Looker Enterprise**, click **Explore**.
2. From the **TheLook-GCDA** dropdown, select **Order Items**.
3. On the **All Fields** tab:
   - Navigate to **Order Items > Measures**.
   - Select **Total Revenue**.
   - Navigate to **Products > Dimensions**.
   - Select **Category**.
   - Navigate to **Order Items > Dimensions > Created Date**.
   - Apply a filter: **Created Date is in the year 2022**.
4. Expand the **Visualization bar**:
   - Select the **Line Graph** icon.
5. Click **Run** to generate the visualization.
6. In the **Explore action bar**, click the **gear icon**.
   - Select **Save > To an existing dashboard**.
   - Choose **Business Insights**.
   - Click **Save**.
7. Click **Check my progress** to verify completion of Task 2.

🧪 Lab 4 – Task 3: Add Bar and Column Charts + Country Filter

🎯 Objective

Add two more visualizations and a filter:

- A **bar chart** showing **average sale price by product**
- A **column chart** showing **total revenue by country**
- A **country filter** to the dashboard

🧭 Steps to Complete Task 3

🔷 **Bar Chart: Average Sale Price by Product**

1. Click **Explore** > **Order Items**.
2. Select:
    - **Average Sale Price** from **Order Items > Measures**
    - **Product Name** from **Products > Dimensions**
    - Filter: **Created Date is in the year 2022**
3. Visualization: Select **Bar Chart**
4. Click **Run**
5. Save to **Business Insights** dashboard

🔷 **Column Chart: Total Revenue by Country**

1. Click **Explore** > **Order Items**
2. Select:
    - **Total Revenue** from **Order Items > Measures**
    - **User Country** from **Users > Dimensions**
    - Filter: **Created Date is in the year 2022**
3. Visualization: Select **Column Chart**
4. Click **Run**
5. Save to **Business Insights** dashboard

🔷 **Add Country Filter**

1. Open the **Business Insights dashboard**
2. Click **Edit**
3. Click **Add Filter**
4. Select **User Country** as the filter field
5. Apply the filter to relevant tiles
6. Click **Save**

✅ **Final Step**

Click **Check my progress** to confirm Task 3 is complete.