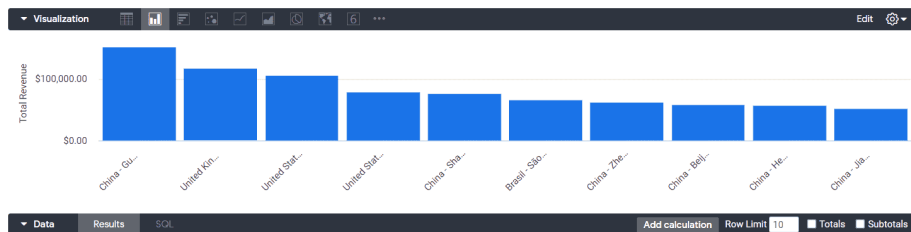# 🧪 Lab 4 – Task 4: Add a Column Chart of Total Revenue by Country

🎯 Objective

Create a **column chart** showing **total revenue by country**, and add it to the **Business Insights** dashboard.

🧭 Steps to Complete Task 4

1. Click the **Main Menu** icon.
2. In the **TheLook-GCDA** section, select **Order Items**.
3. On the **All Fields** tab:
   o Go to **Order Items > Measures** and select **Total Revenue**.
   o Go to **Users > Dimensions** and select **Country** and **State**.
   o Go to **Order Items > Dimensions > Created Date**, and click the **Filter icon** next to **Date**.
   o In the **Filters bar**, set the filter to **"is in the year"** and enter **2022**.
4. Expand the **Visualization bar** and select the **Column Chart** icon.
5. Expand the **Data section** and set the **row limit to 10**.
6. Click **Run** to generate the visualization.

7. In the **Explore actions menu** (gear icon), select:
   o **Save > To an existing dashboard**
   o Title the visualization: **Total Revenue by User**
   o Choose the **Developer Student > Business Insights** dashboard
   o Click **Save**
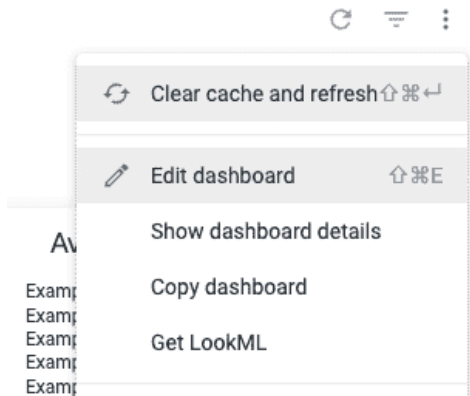8. Click **Check my progress** to verify completion of Task 4.

🧪 Lab 4 – Task 5: Add a Country Filter to the Dashboard
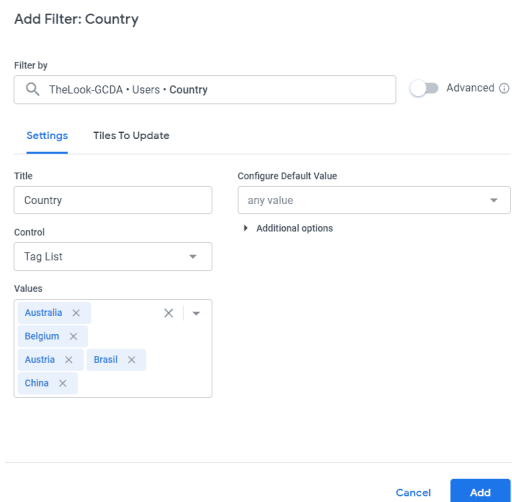
🎯 Objective

Add a **country filter** to the **Business Insights** dashboard to allow dynamic filtering of visualizations.
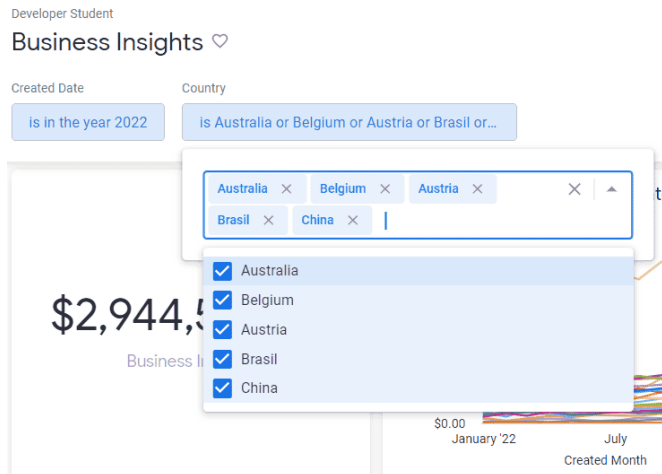
🧭 Steps to Complete Task 5

1. Click the **Looker logo** to return to the home page.
2. Navigate to **Folders > My folder > Developer Student**.
3. Open the **Business Insights dashboard**.
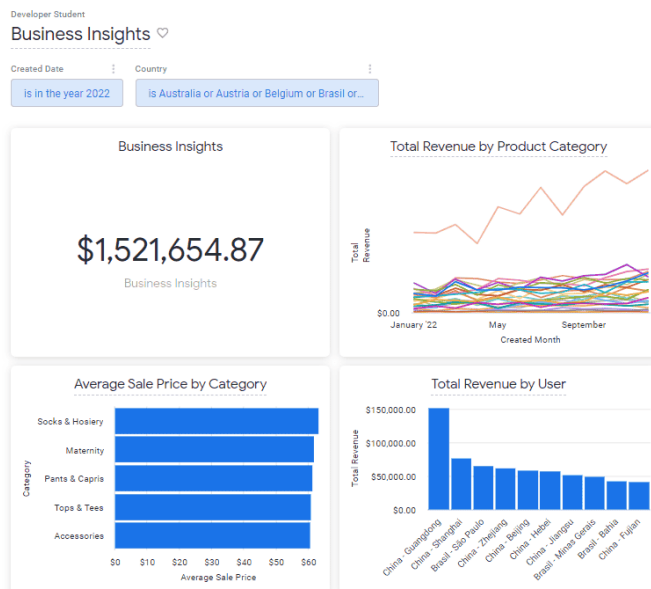4. Click the **Dashboard actions menu** (three-dot icon) and select **Edit dashboard**.

5. In the toolbar, click **Filters > Add Filter**.
6. In the **Filter by field**, type **Country**.
7. From the **Users dropdown**, select **Country**.
8. In the **Add Filter: Country** dialog:
   - Expand the **Values dropdown**
   - Select the **first 5 country names**

   - Click **Add**
9. Click **Save**.
10. On the dashboard, expand the **Country filter field** and select the **5 countries** you added.

11. Click **Update** to apply the filter to the visualizations.

12. Click **Check my progress** to verify completion of Task 5.

🏁 Conclusion

🎉 **Great work!**

You successfully built a **Business Insights dashboard** using **Looker Enterprise UI** that helps Kiran, VP of Finance at TheLook eCommerce, monitor sales performance and identify trends.

✅ **What You Accomplished:**

- Built a **single-value visualization** for total revenue in 2022.

- Added a **line graph** showing revenue trends by product category.
- Created a **bar chart** for average sale price by product.
- Built a **column chart** for total revenue by country.
- Added a **country filter** to make the dashboard interactive and user-friendly.

🧠 Skills Developed:

- Using **Looker Explore UI** to build visualizations
- Applying **filters** and **measures**
- Designing dashboards to meet **specific business needs**
- Enhancing dashboards with **interactivity and data governance**

You're now well-equipped to create **enterprise-grade dashboards** that support **data-driven decision-making**!