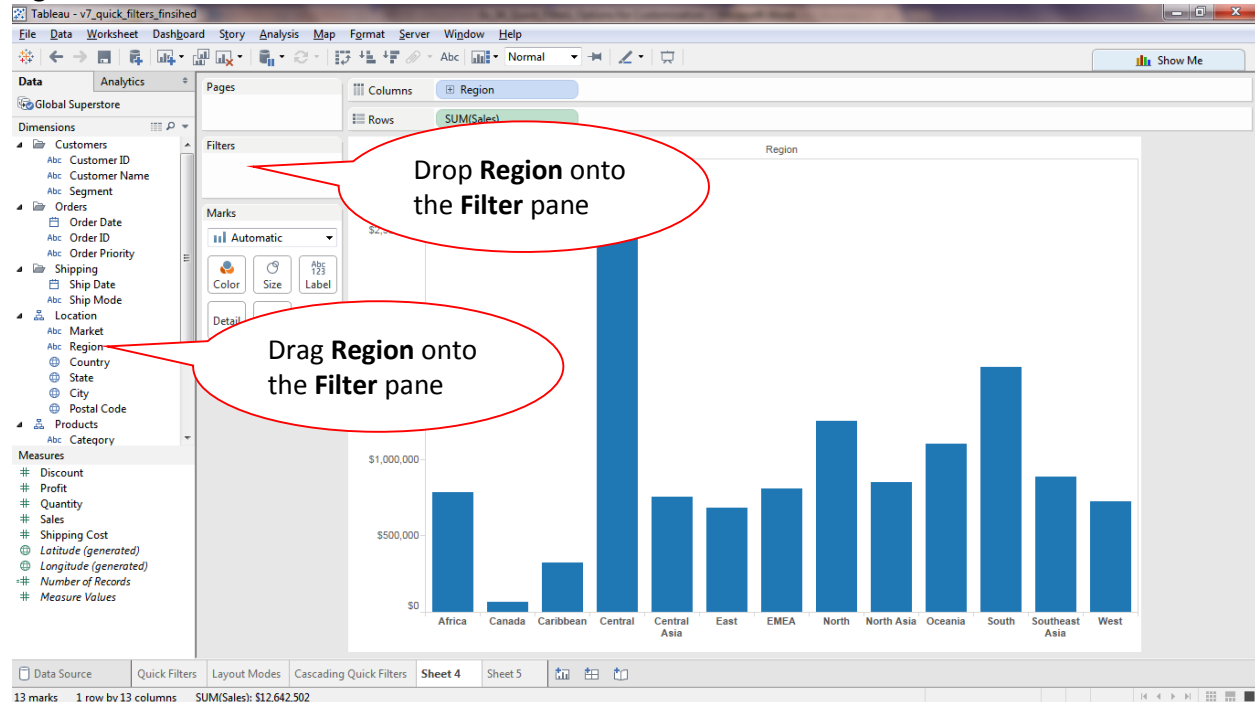


**Objective:** This exercise will demonstrate how two filters can be made dependent

If there are two Quick Filters on a worksheet, the items displayed in the second filter can be made dependent on the item selected in the first filter. The filters can be setup so that, for example, if Africa is selected as the **Region** in the first filter, only the countries in Africa will be displayed in the **Countries** Quick Filter—instead of every country in every region.

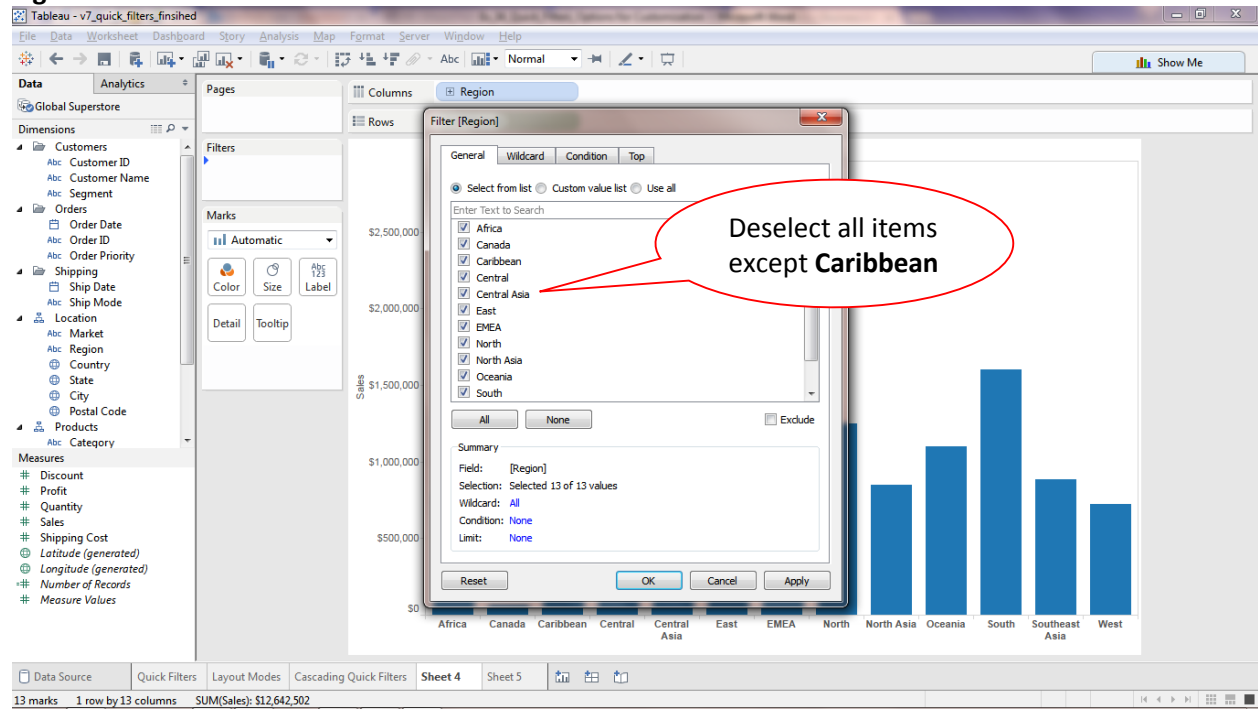
Figure 1 displays a visualization based on **Sales by Region**.

**Figure 1**



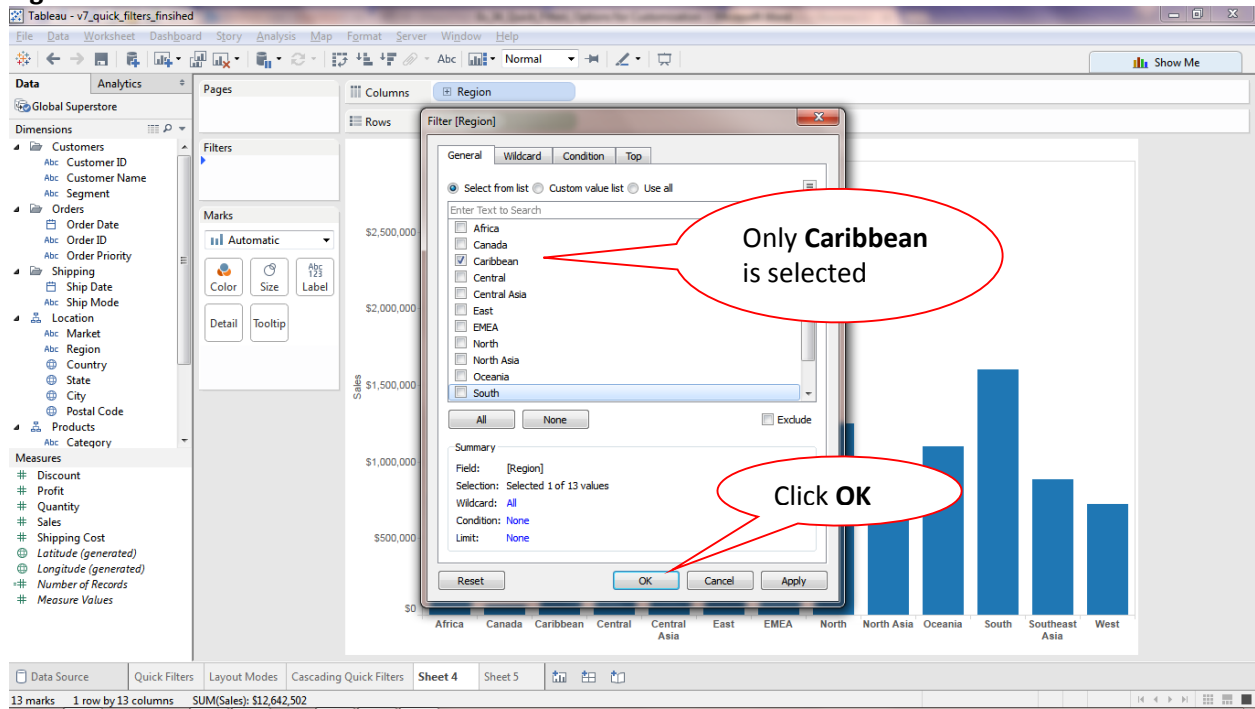
- Drag and drop **Region** onto the **Filter Pane** as shown on Figure 1, which will popup the window displayed on Figure 2

Figure 3



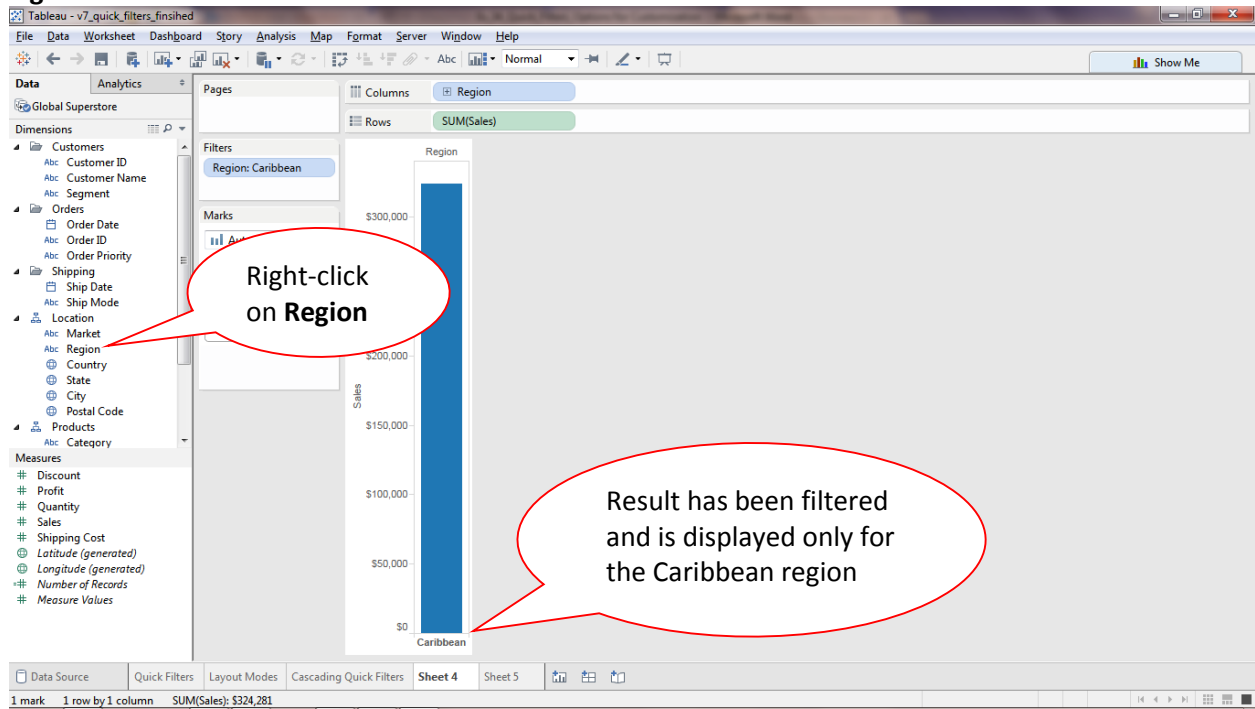
- Deselect all items except **Caribbean** by removing their checkmarks as shown on Figure 3, which will lead to the display on Figure 4

Figure 4



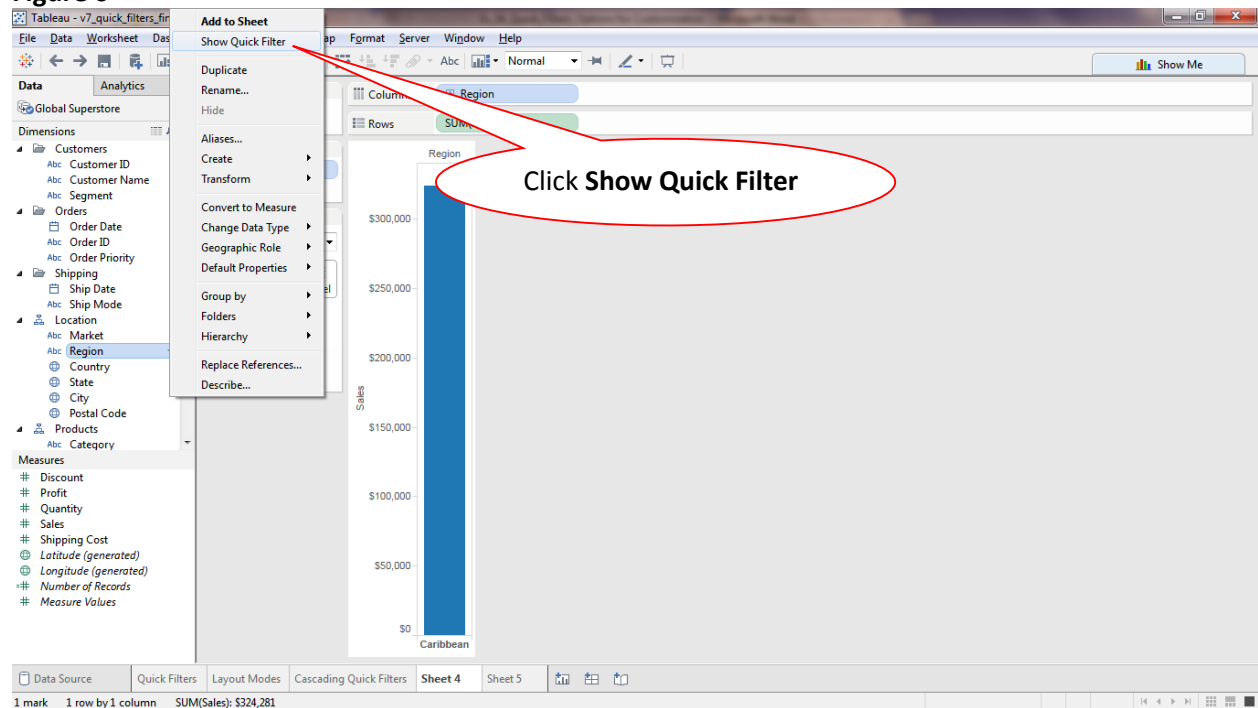
- Click **OK** as shown on Figure 4, which will lead to Figure 5 where the results displayed are limited to the Caribbean region

Figure 5



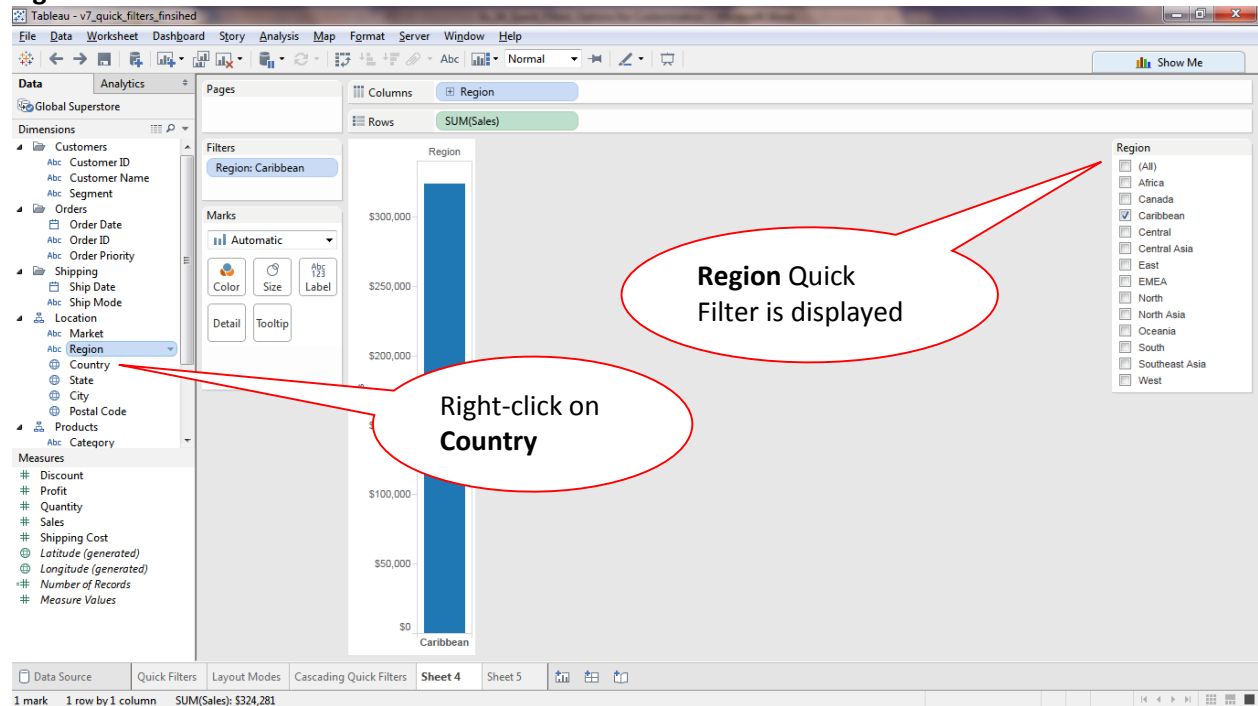
- Right-click on **Region** as shown on Figure 5, which will popup the menu tree displayed on Figure 6

Figure 6



- Click **Show Quick Filter** as shown on Figure 6, which will lead to the **Region** Quick Filter being displayed as shown on Figure 7

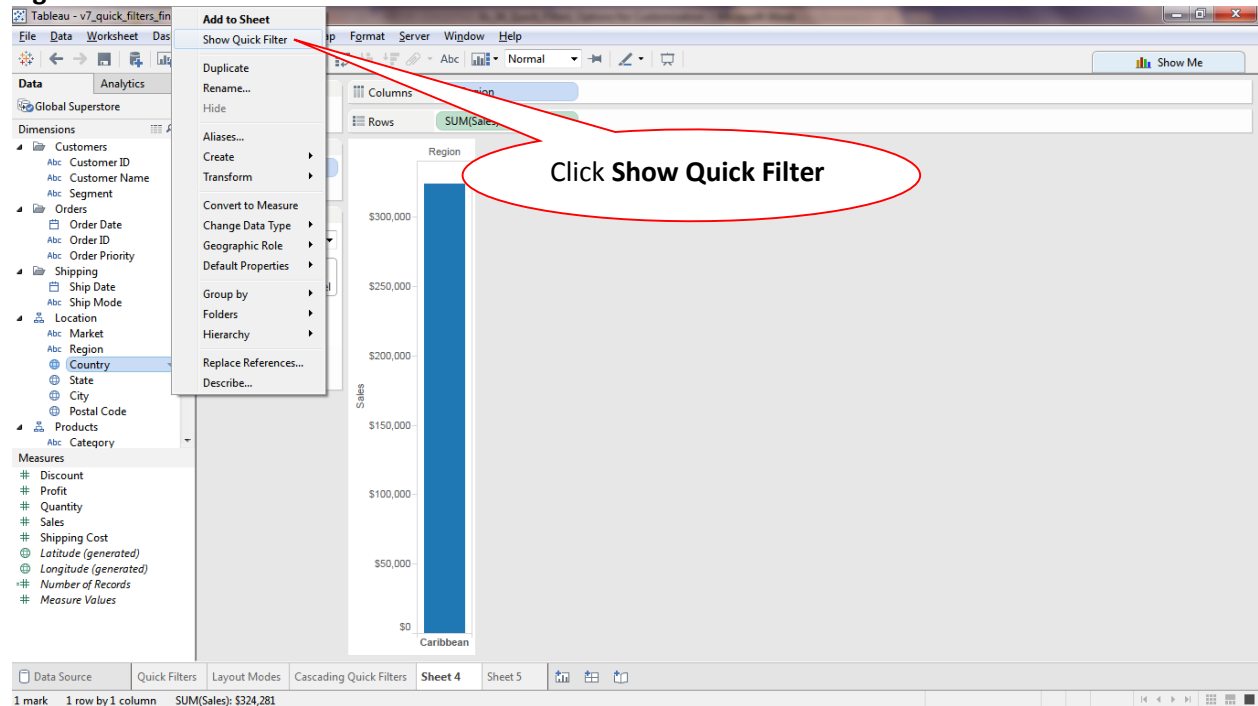
Figure 7



To add the **Country** Quick Filter:

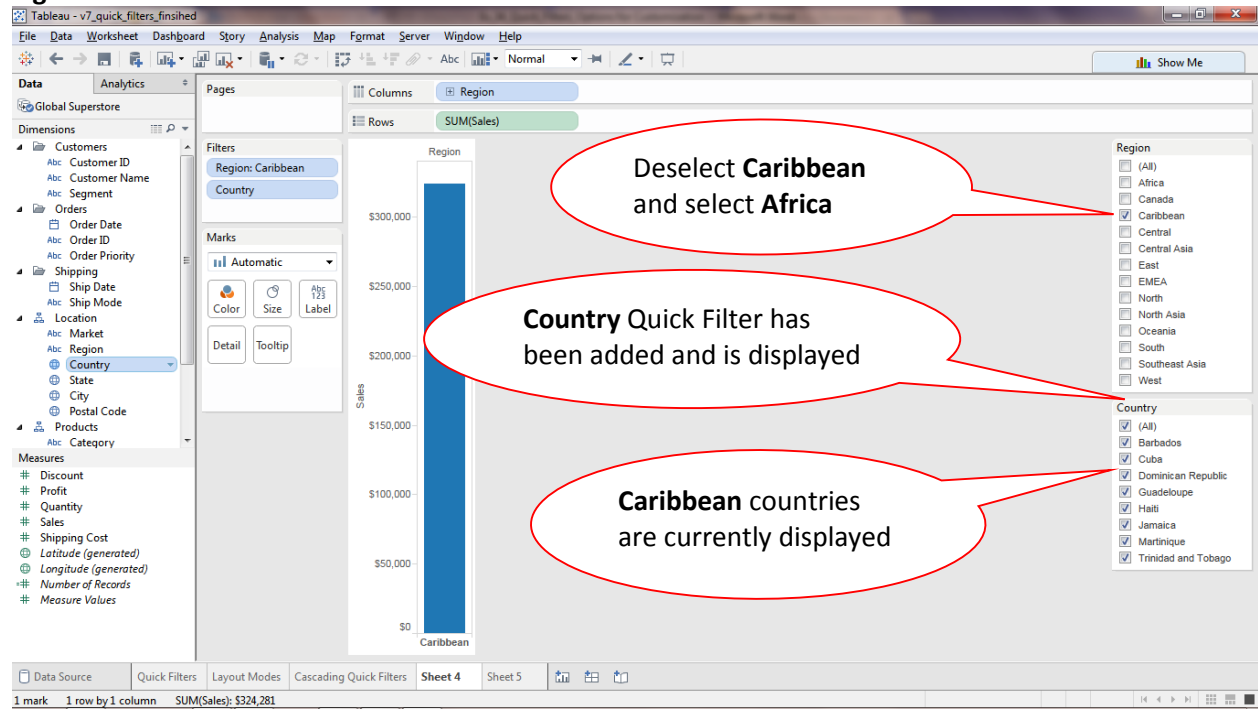
- Right-click on **Country** as shown on Figure 7, which will popup the menu tree displayed on Figure 8

**Figure 8**



- Click **Show Quick Filter** as shown on Figure 8, which will lead to Figure 9 where the **Country** Quick Filter has been added to the visualization

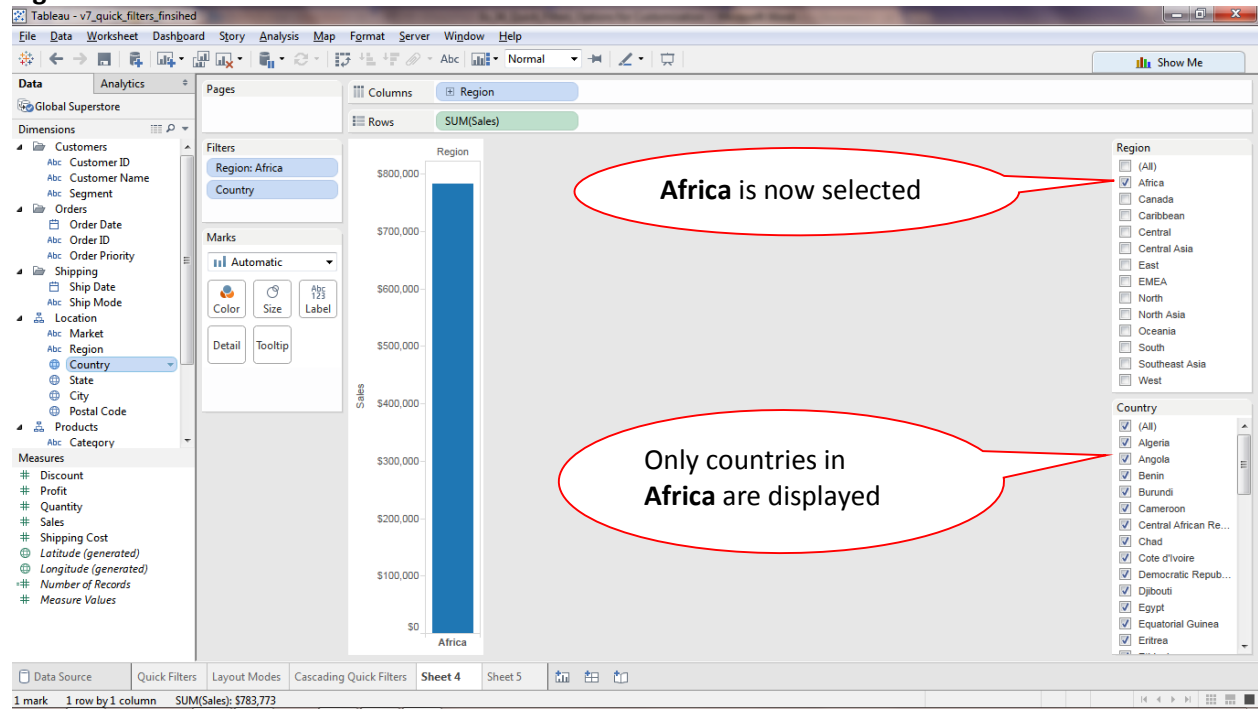
Figure 9



- Deselect **Caribbean** and select **Africa**, by removing and adding checkmarks respectively, as shown on Figure 9, which will lead to the display on Figure 10



Figure 10



On Figure 10, only African countries are being displayed in the second filter (**Country**) because Africa has been selected in the first filter (**Region**), which determines the items to be displayed in the second filter.