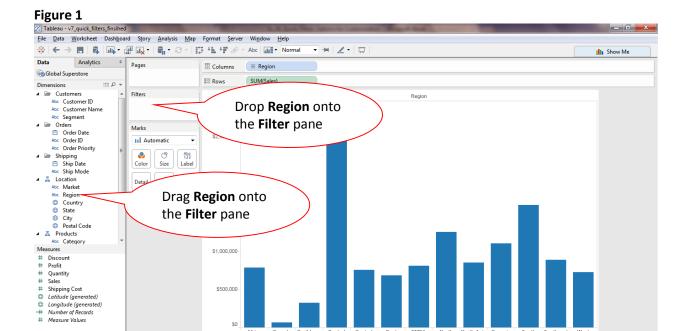
Objective: This exercise will demonstrate how two filters can be made dependent

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.

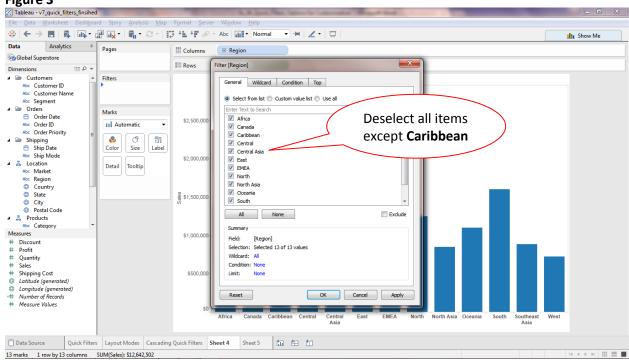
Figure 1 displays a visualization based on Sales by Region.

Data Source Quick Filters Layout Modes Cascading Quick Filters Sheet 4 Sheet 5

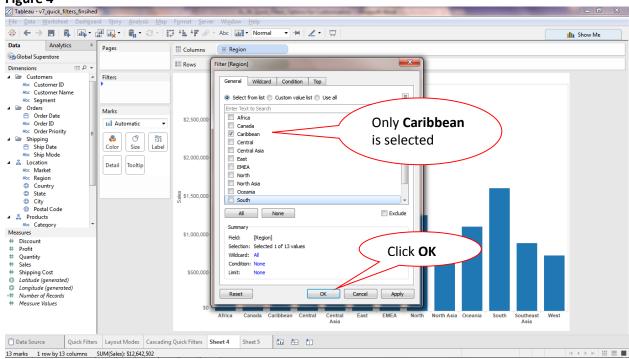
13 marks 1 row by 13 columns SUM(Sales): \$12,642,502



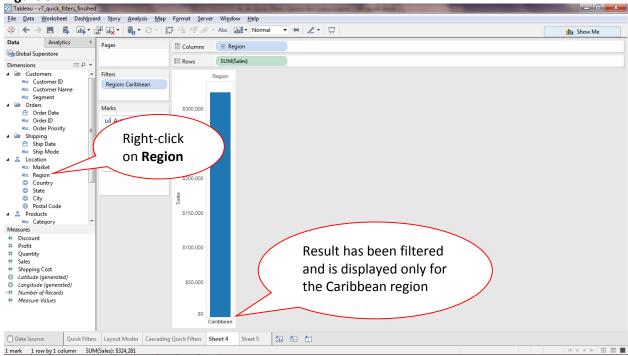
 Drag and drop Region onto the Filter Pane as shown on Figure 1, which will popup the window displayed on Figure 2



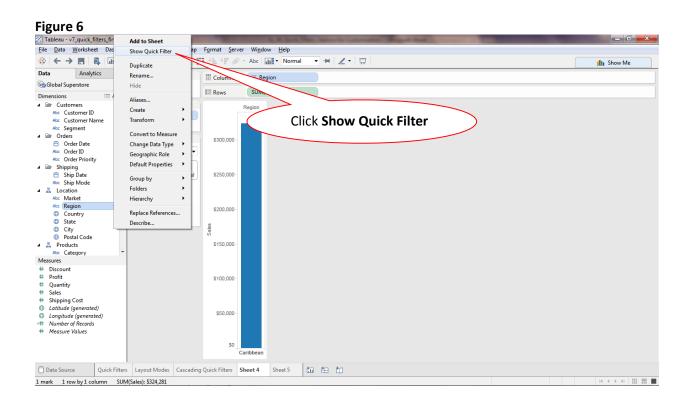
• Deselect all items except **Caribbean** by removing their checkmarks as shown on Figure 3, which will lead to the display on Figure 4



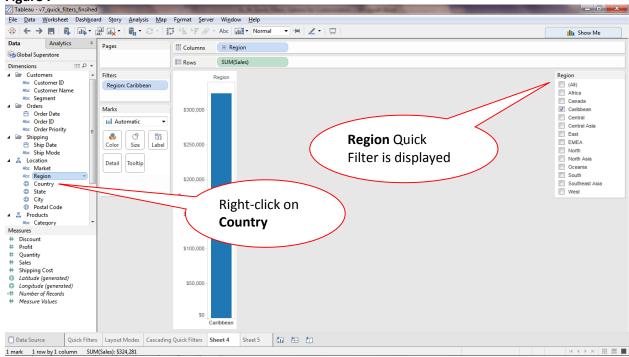
• Click **OK** as shown on Figure 4, which will lead to Figure 5 where the results displayed are limited to the Caribbean region



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



• Click **Show Quick Filter** as shown on Figure 6, which will lead to the **Region** Quick Filter being displayed as shown on 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 Tableau - v7\_quick\_filters\_fin Add to Sheet \_ 0 X <u>File Data Worksheet Das</u> ip F<u>o</u>rmat <u>S</u>erver Wi<u>n</u>dow <u>H</u>elp - Abc Normal III Show Me Duplicate III Columns Global Superstore Hide SUM(Sale **I** Rows Dimensions

• Customers Aliases... Create Click Show Quick Filter Transform Convert to Measure \$300,000 Change Data Type • Geographic Role Default Properties ■ Shipping
□ Ship Date
Abc Ship Mode Group by Abc Ship Mode

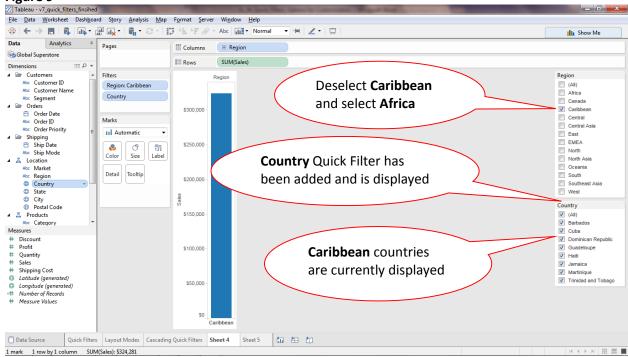
Abc Market
Abc Region
Country
State
City
Postal Code
Abc Category
Measures

Abc Category
Measures Hierarchy \$200,000 Replace References... Describe... \$150,000 Measures
# Discount
# Profit
# Quantity
# Sales
# Shipping Cost
# Longitude (generated)
# Longitude (generated)
# Number of Records
# Measure Values \$100.000 \$50,000 □ Data Source Quick Filters Layout Modes Cascading Quick Filters Sheet 4 Sheet 5 🛅 🖽 📺

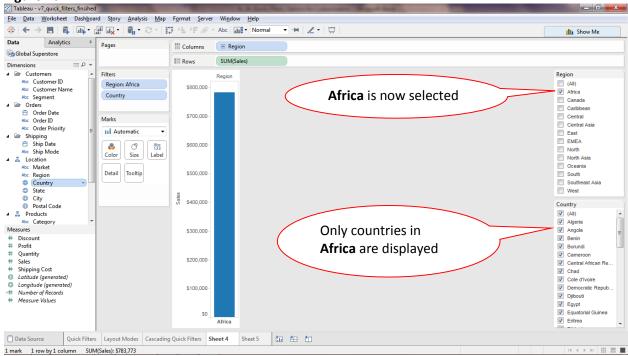
Click Show Quick Filter as shown on Figure 8, which will lead to Figure 9 where the Country
Quick Filter has been added to the visualization

1 mark 1 row by 1 column SUM(Sales): \$324,281

K ← → H III III III



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



On Figure 10, only African countires 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.