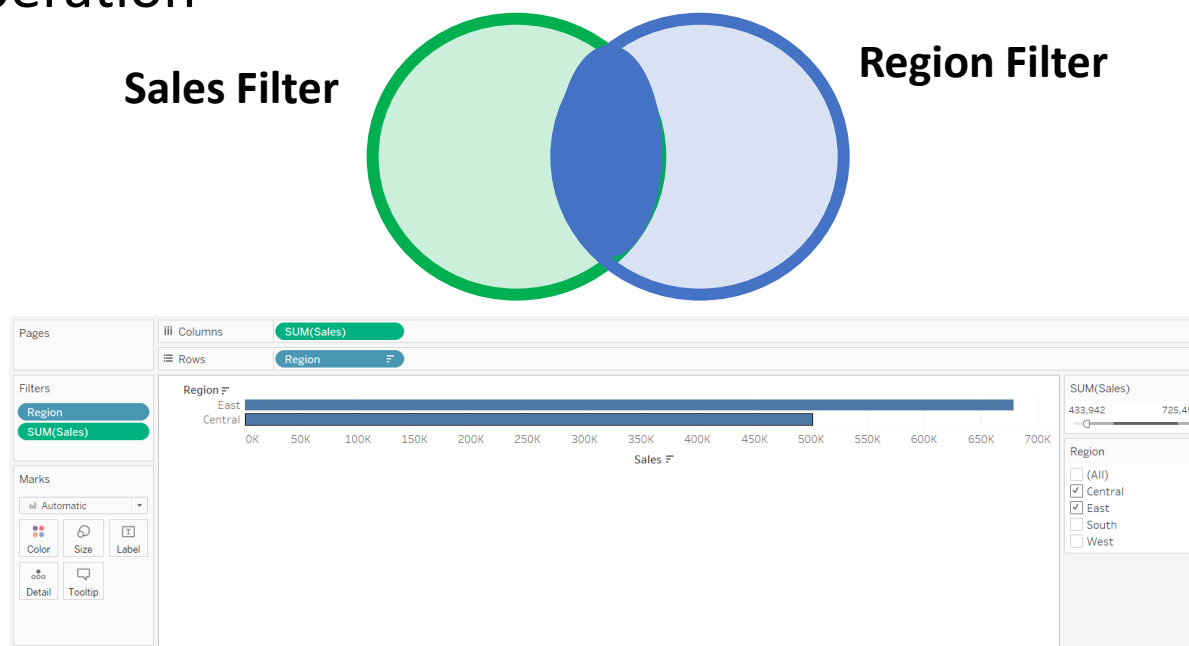


HOW MULTIPLE FILTERS BEHAVE

By default, all filters that we set in Tableau are computed independently. That is, each filter accesses all rows in the data source without regard to other filters.

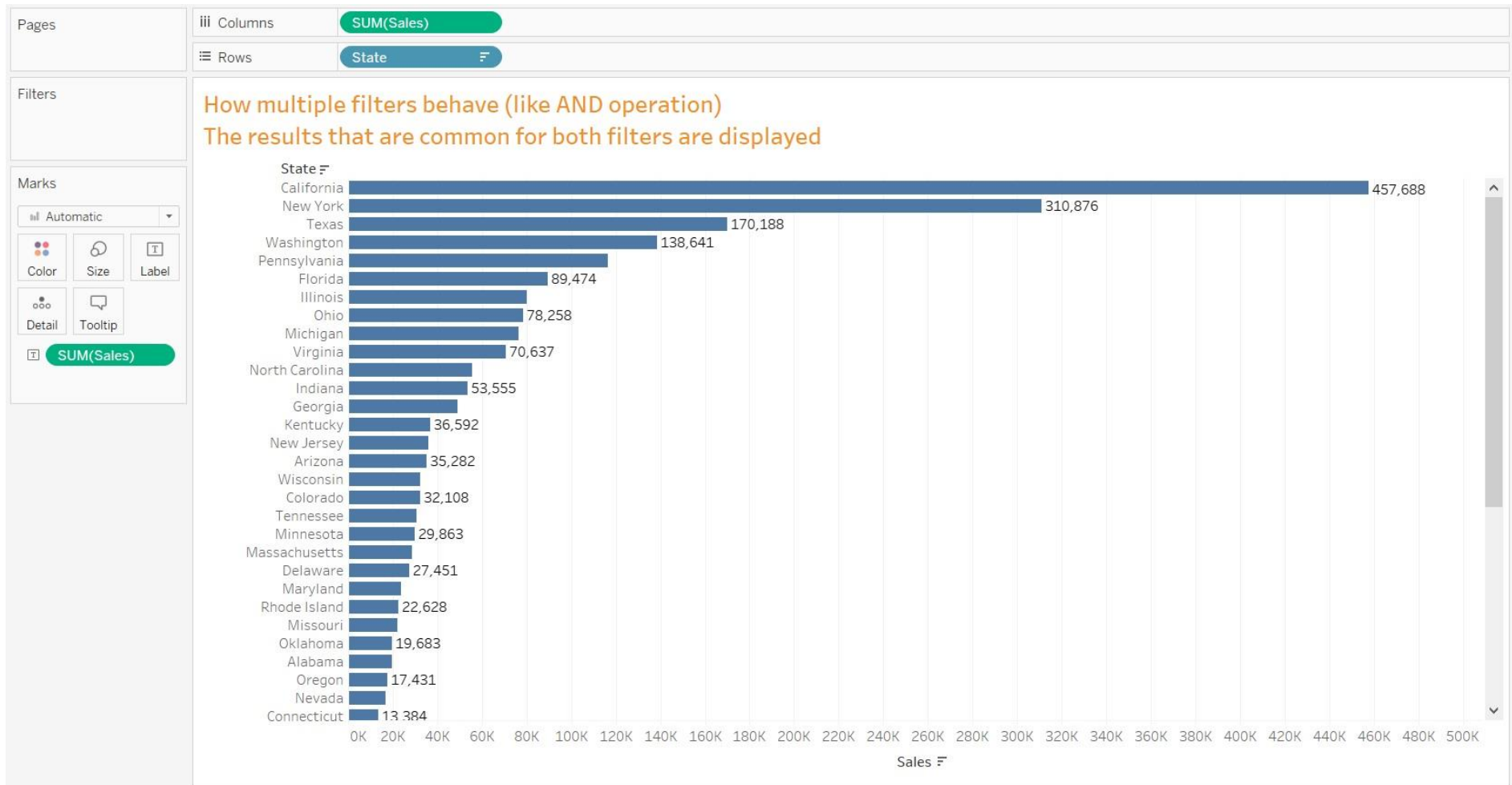
In case there are 2 filters that are applied in a Viz the result will be the intersection of both filters i.e., of all filter values
Like **AND** operation



The Viz will have **the records** that match the **combined results** of the **Sales** and **Region Filter**

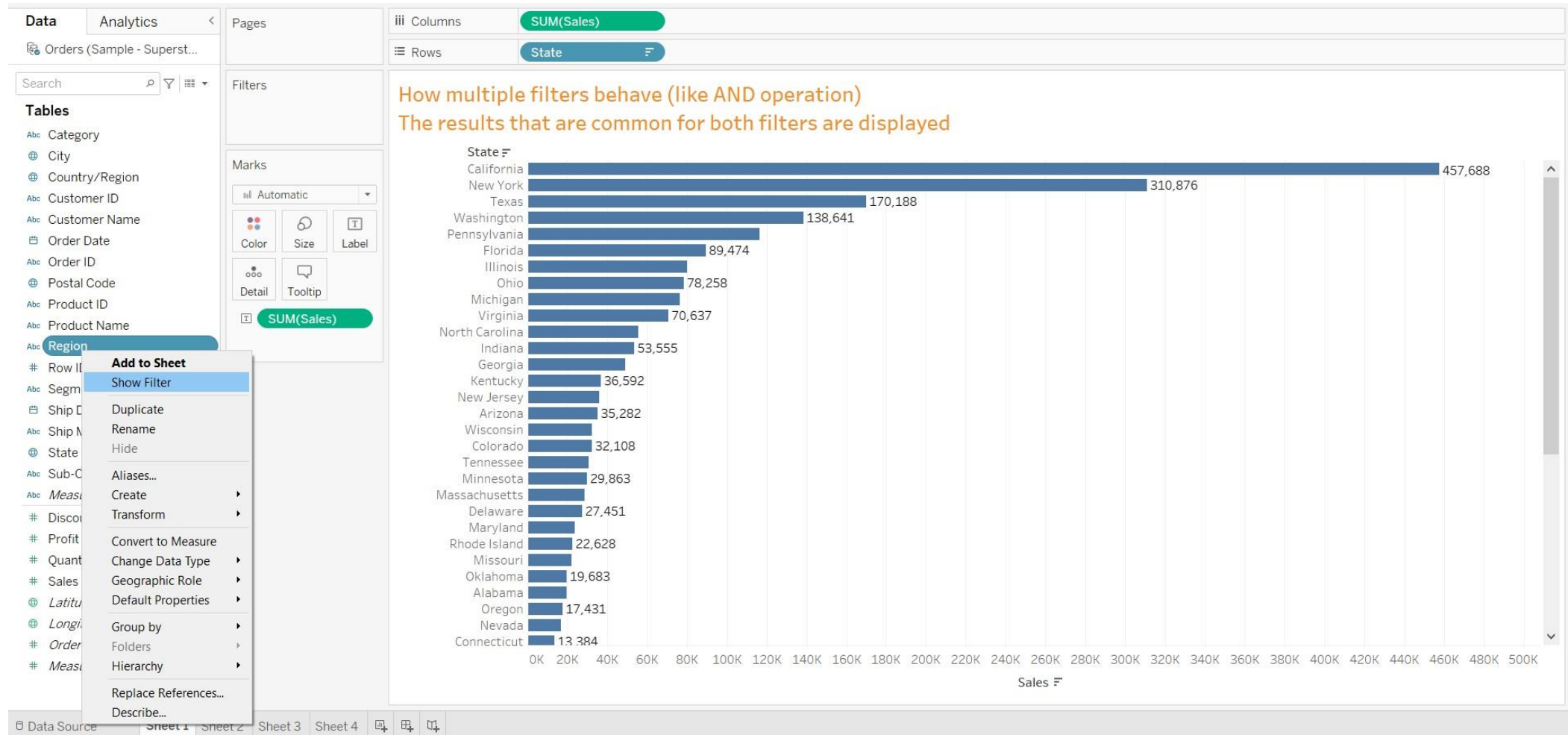
HOW MULTIPLE FILTERS BEHAVE

Step 1: Let us start with the below mentioned view of **State Vs Sales**



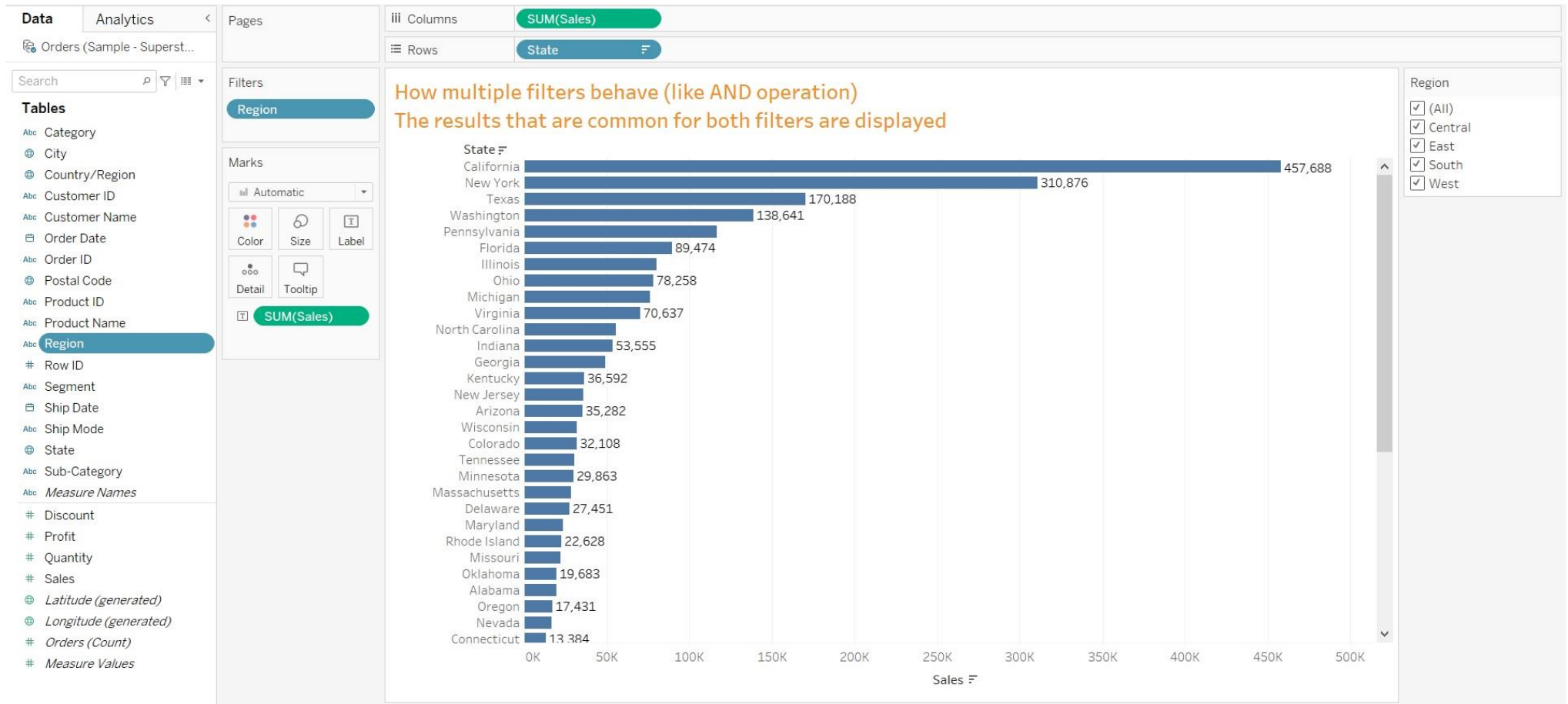
HOW MULTIPLE FILTERS BEHAVE

Step 2: Right-click Region, Select Show Filter



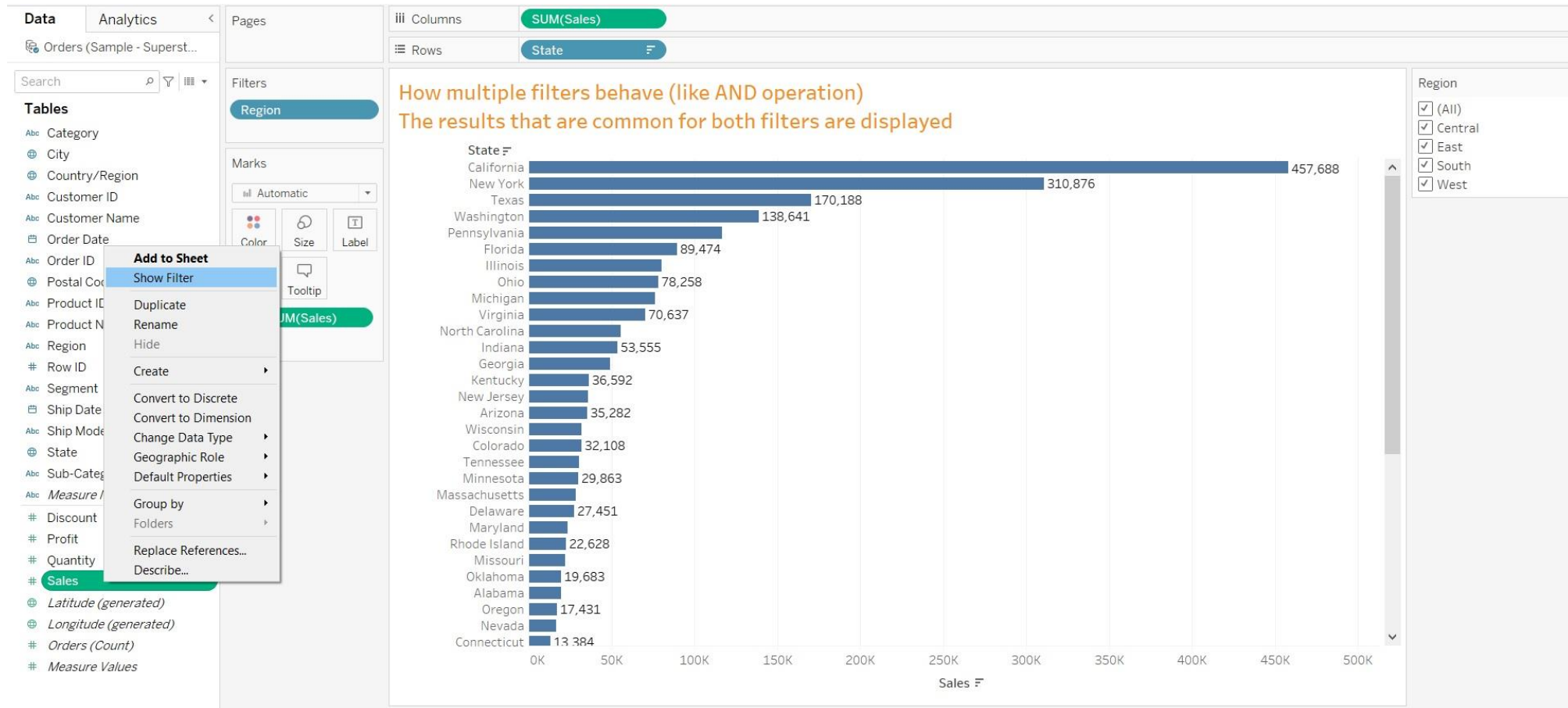
HOW MULTIPLE FILTERS BEHAVE

Step 3: Region is added to the **Filters** shelf and the Filter control is shown to the end user



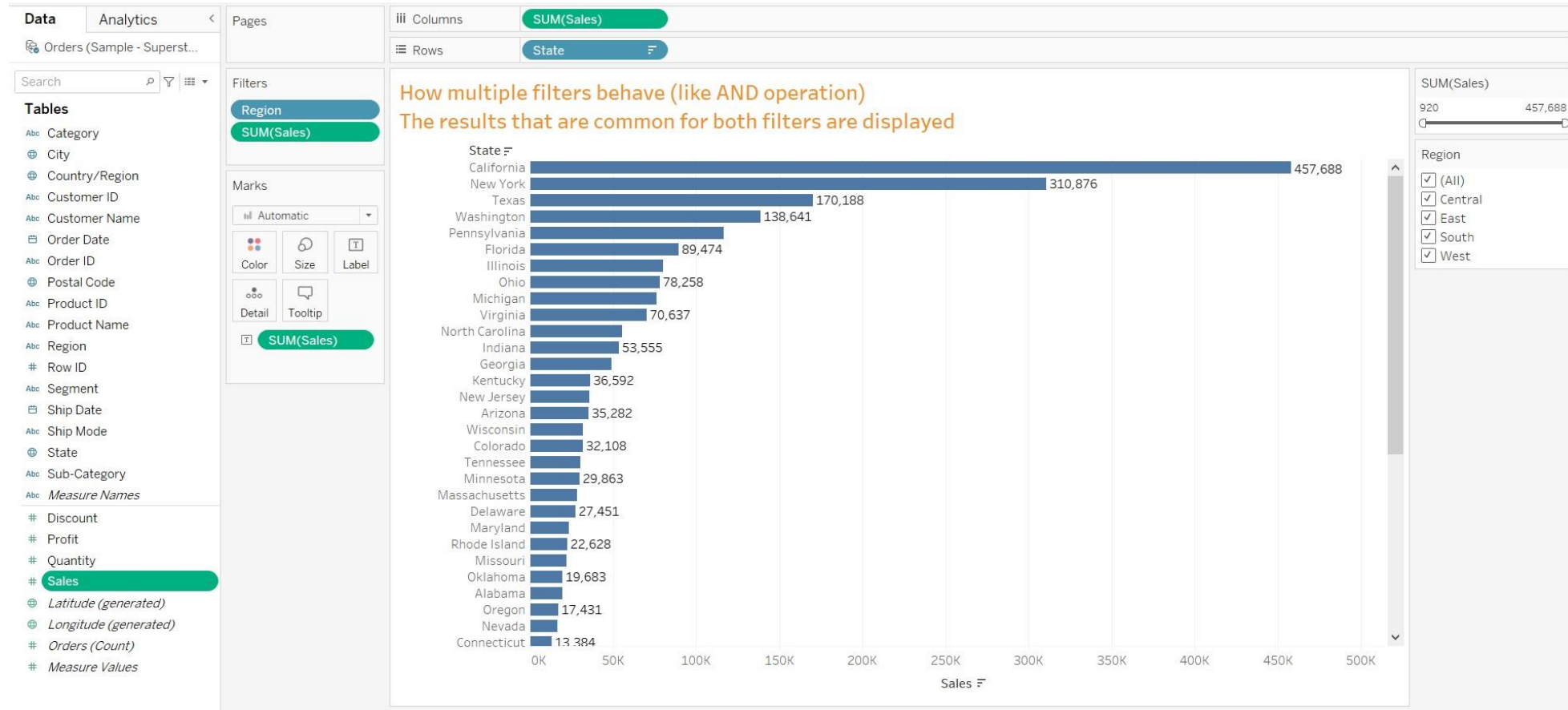
HOW MULTIPLE FILTERS BEHAVE

Step 4: Right-click Sales, Select Show Filter



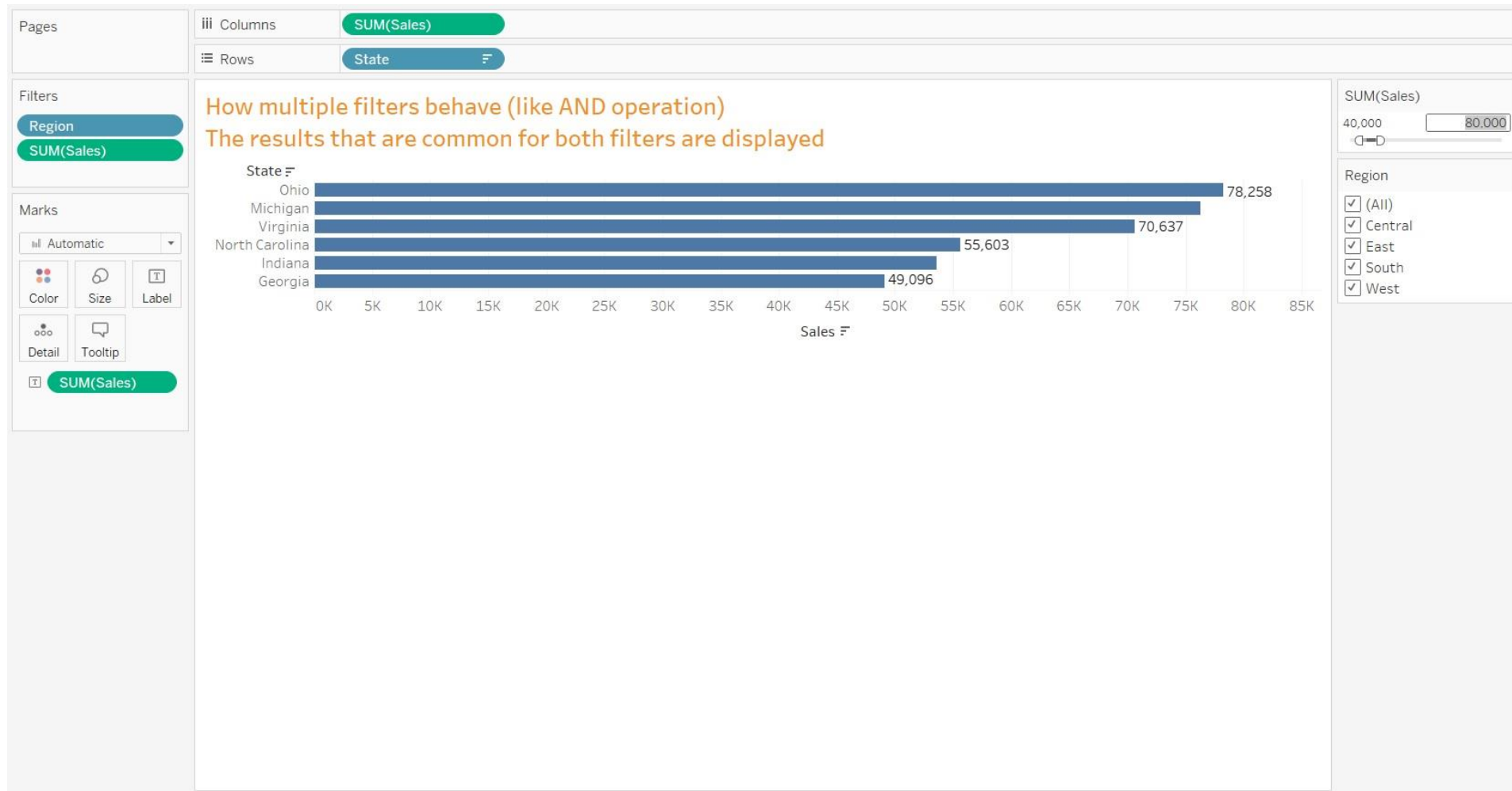
HOW MULTIPLE FILTERS BEHAVE

Step 5: SUM(Sales) is added to the **Filters** shelf and the Filter control is shown to the end user



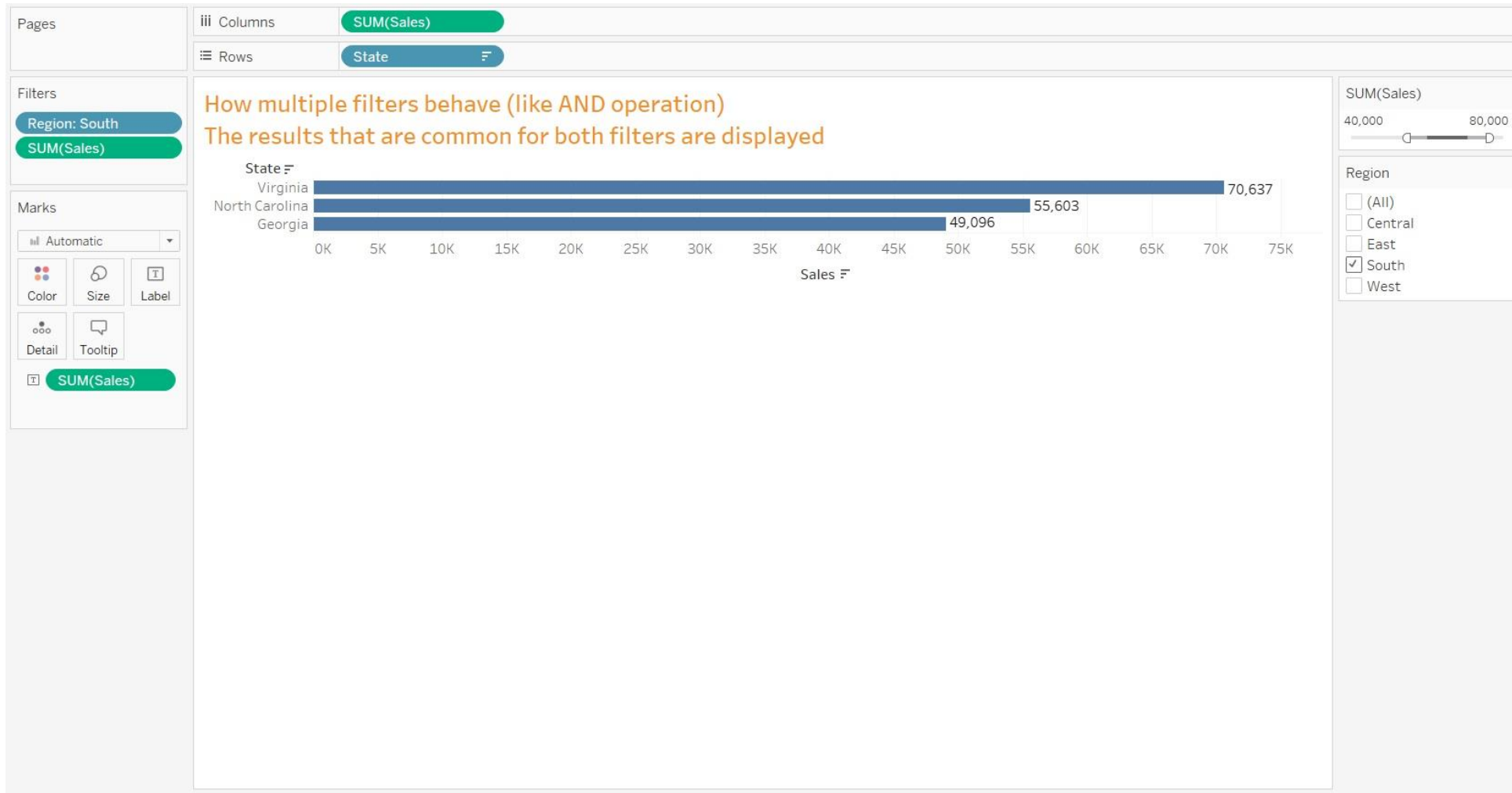
HOW MULTIPLE FILTERS BEHAVE

Step 6: Change the range of **SUM(Sales)** filter as shown in the below view i.e., from 40K to 80K



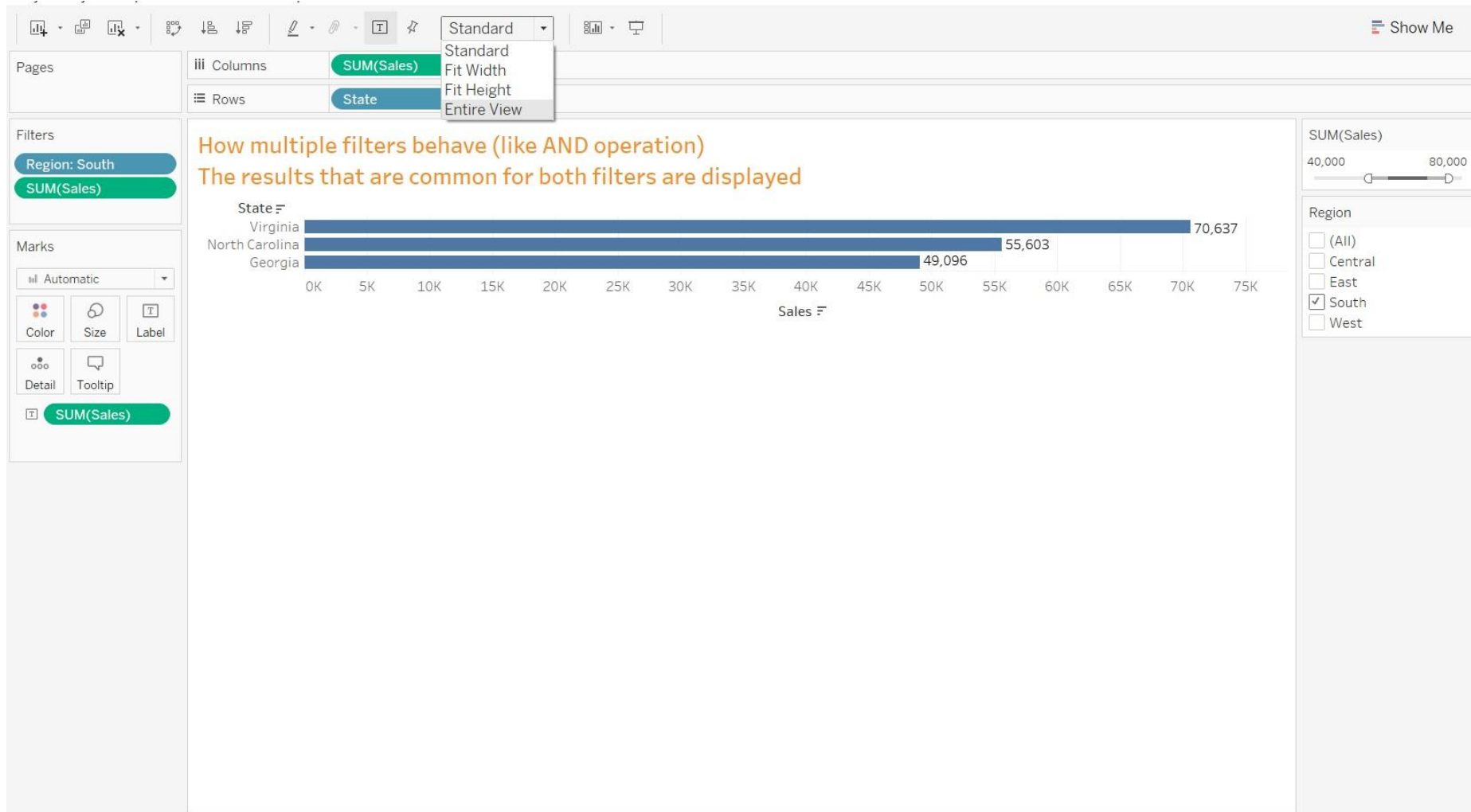
HOW MULTIPLE FILTERS BEHAVE

Step 7: Select only **South** in the **Region** Filter



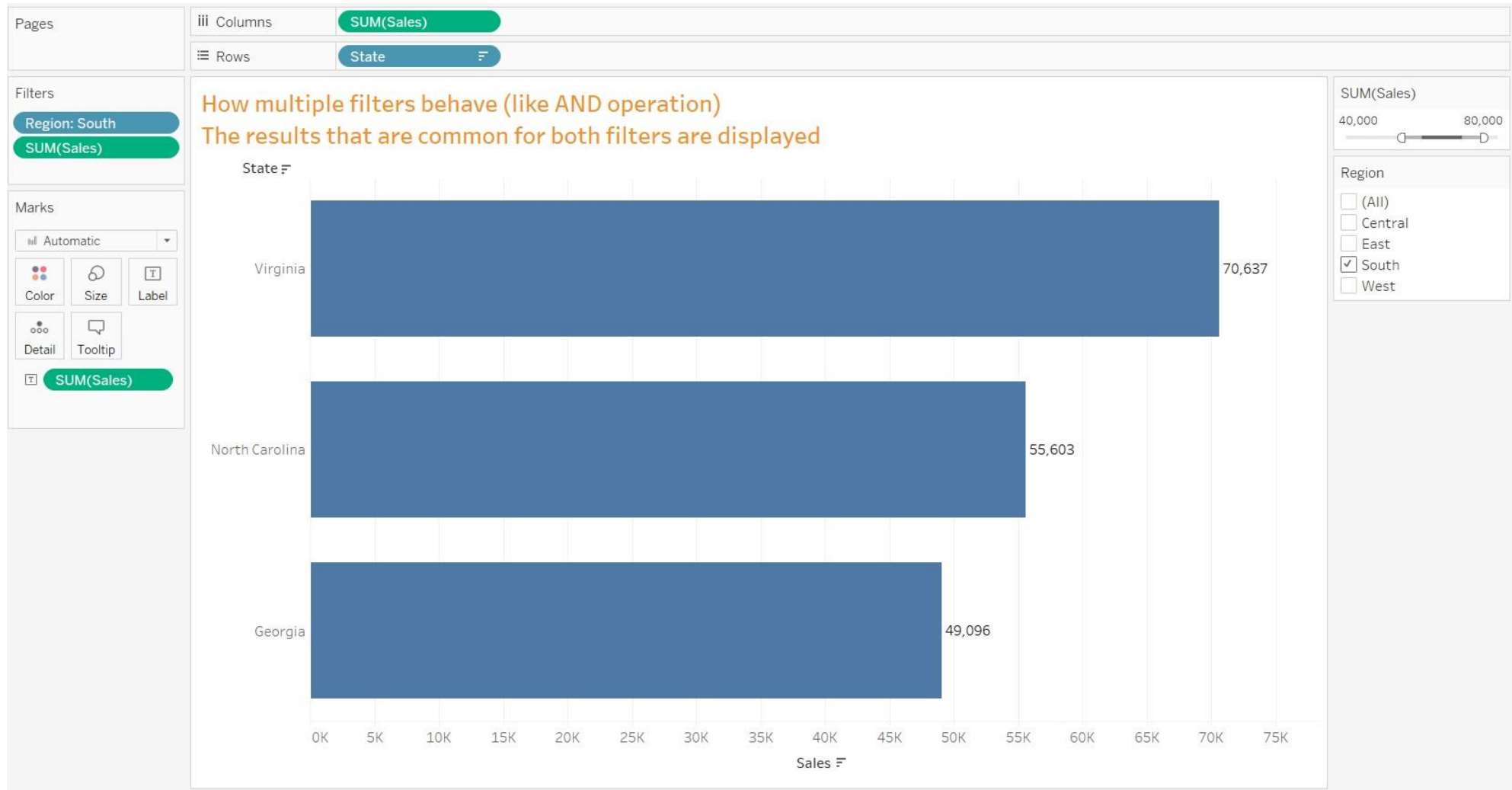
HOW MULTIPLE FILTERS BEHAVE

Step 8: Select Entire View



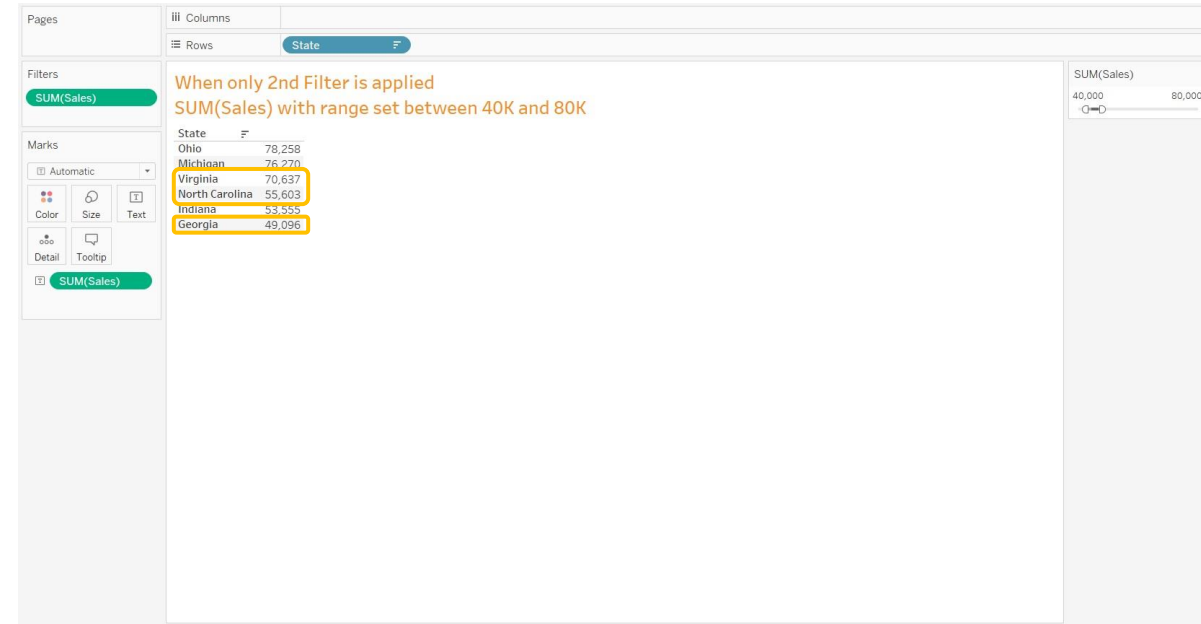
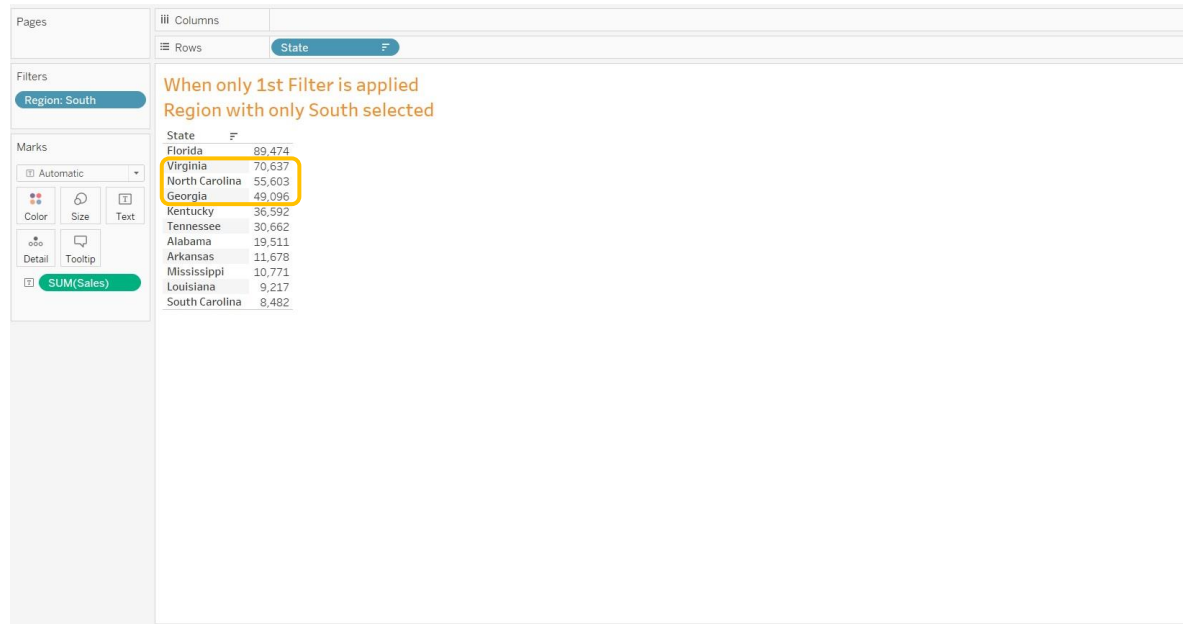
HOW MULTIPLE FILTERS BEHAVE

Step 9: This is the Final View with combined filtered results of **Region** and **Sales**



HOW MULTIPLE FILTERS BEHAVE

Step 10: We can validate the Multiple Filters by applying the filters separately in 2 worksheets and then checking the common members



The States that are common in both filters result are Virginia, North Carolina and Georgia and this matches the combined filtered result of the previous view