

# Module 8: Advance Chart in Tableau

---

## Demo Document III

edureka!

**edureka!**

© Brain4ce Education Solutions Pvt. Ltd.

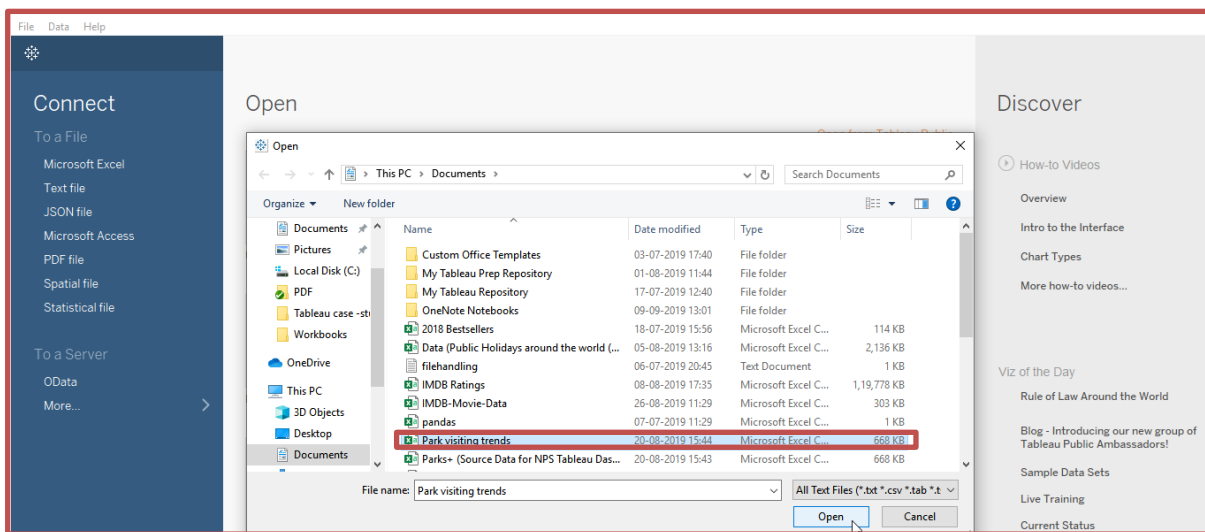
## Demo III

Using “Park Visit trends.csv” dataset, build a pareto chart to visualize the states that brings up 20% of the visits overall.

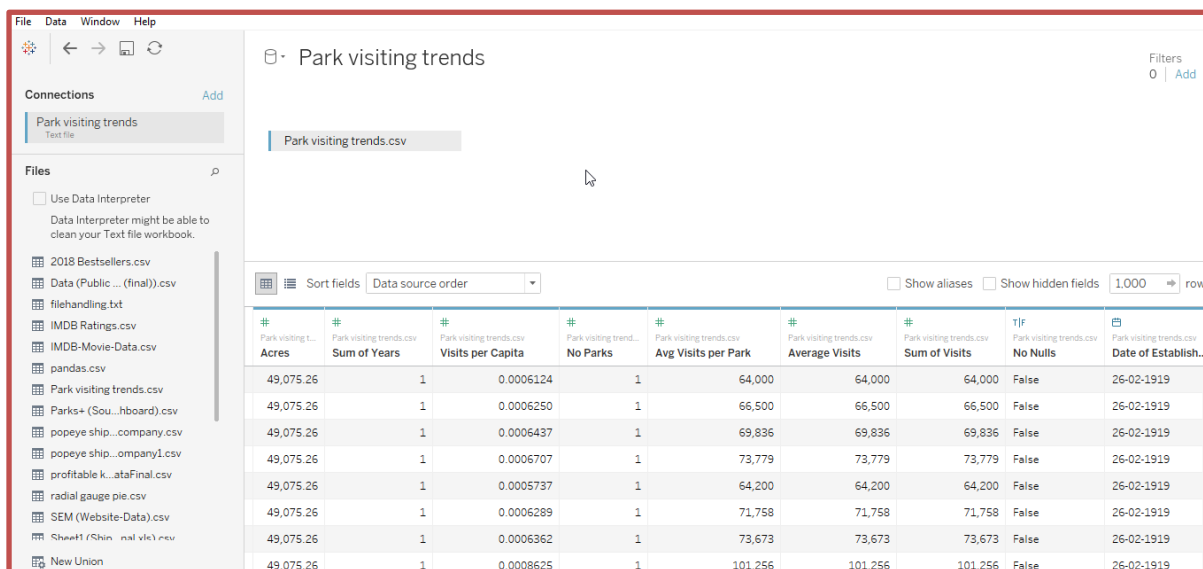
## Demo III Solution

Pareto chart uses both bar and line chart where bar chart represents the individual values in decreasing order and line graph gives us the running total percentage.

**Step 1:** Click on “Text file” → Select “Park visiting trends” → Open



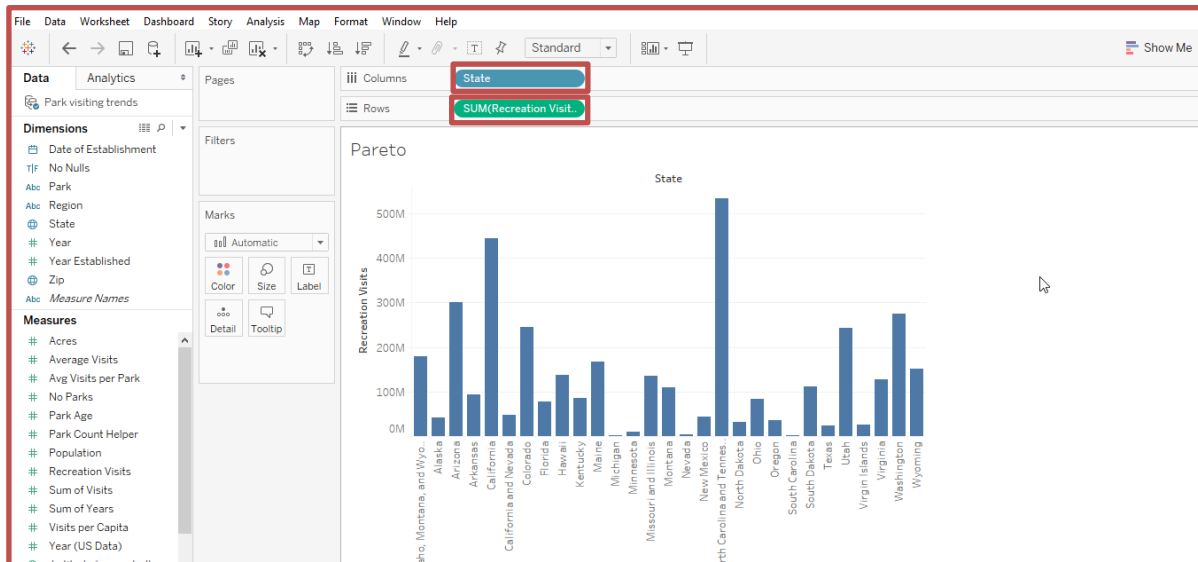
**Step 2:** Drag and drop the sheets that is “Park visiting trends” sheet on flow pane, add sales data. Click on sheet.



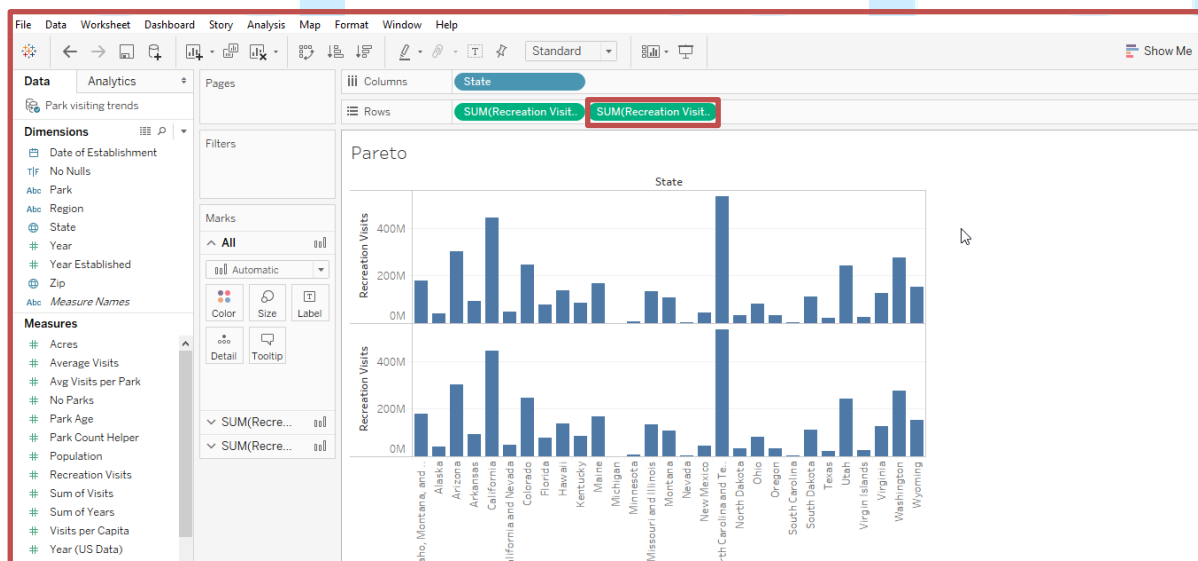
Go to sheet and rename the sheet to “Control chart”

**Step 3:** Drag and drop the required fields from dimensions and measures to column and row shelf.

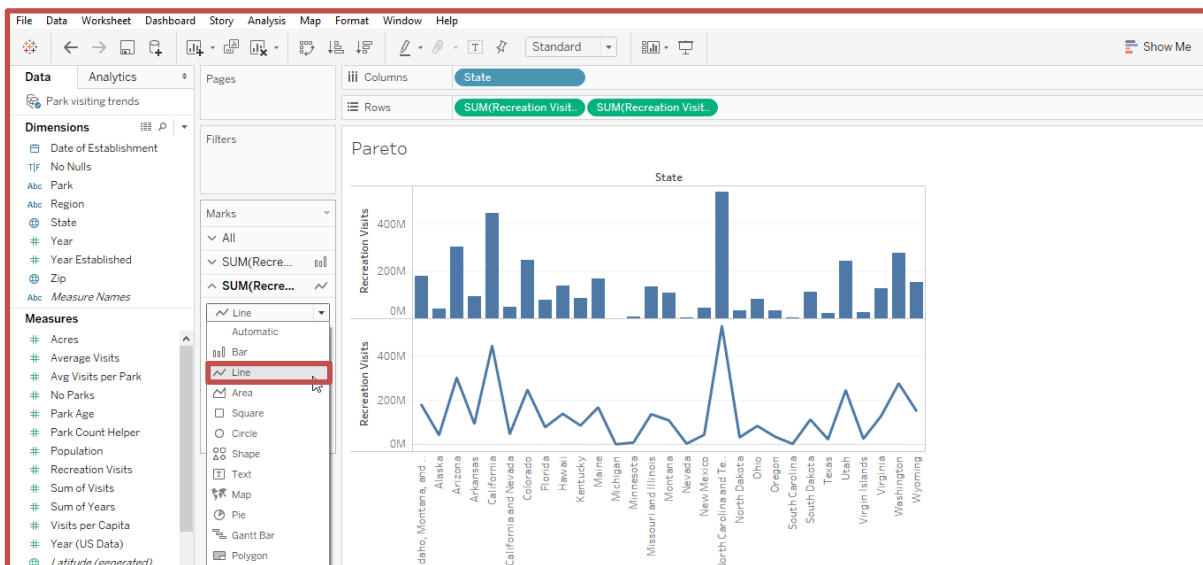
- State to columns
- Recreational visits to rows.



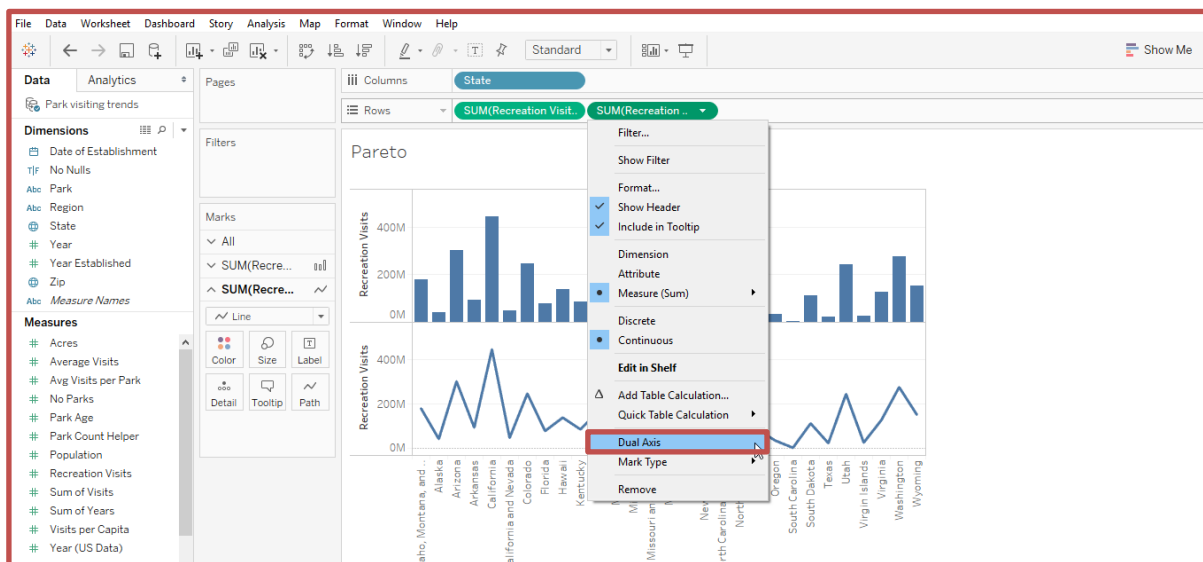
**Step 4:** Ctrl+click on recreational visits to duplicate it to columns.



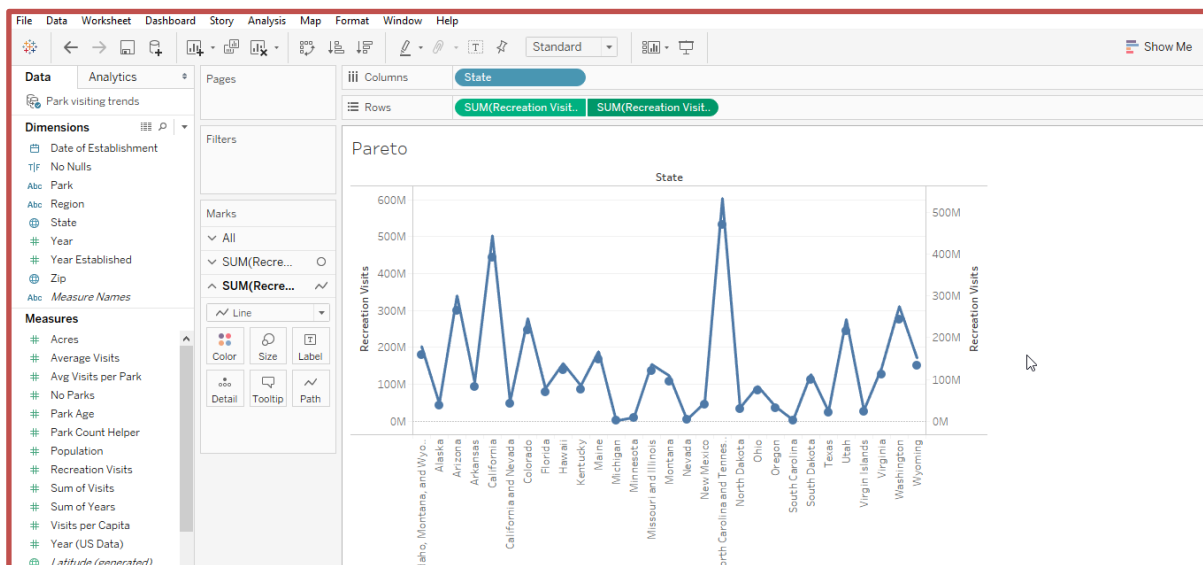
## Step 5: Change the type to line of second pill of recreational visits.



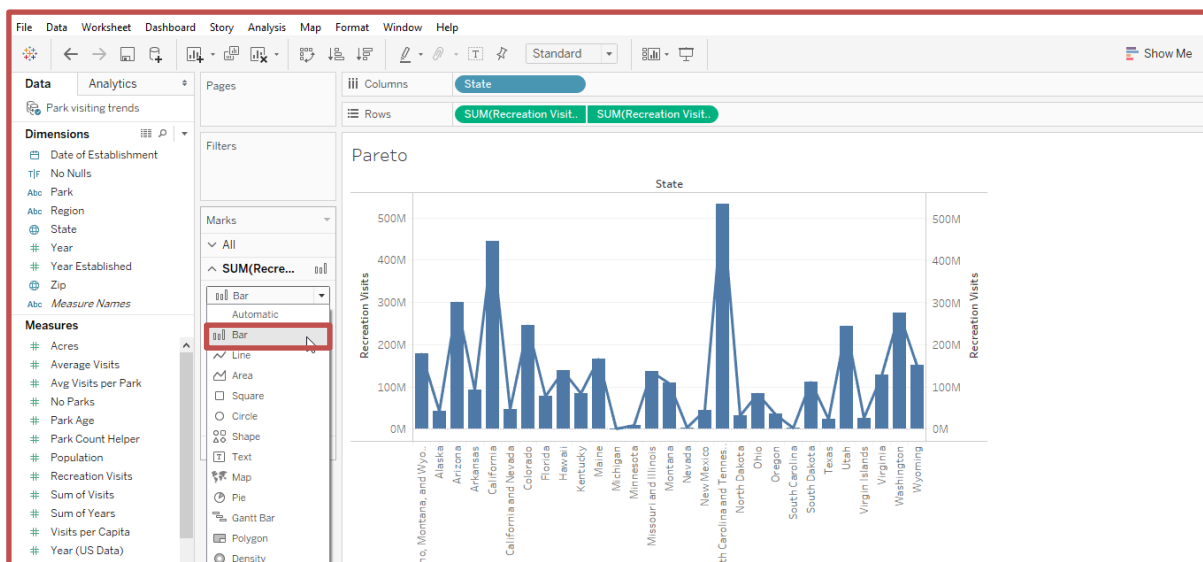
## Step 6: Click the drop down of recreational visits to select dual axis.



You can now see that after clicking dual axis both views combine to form a single view.

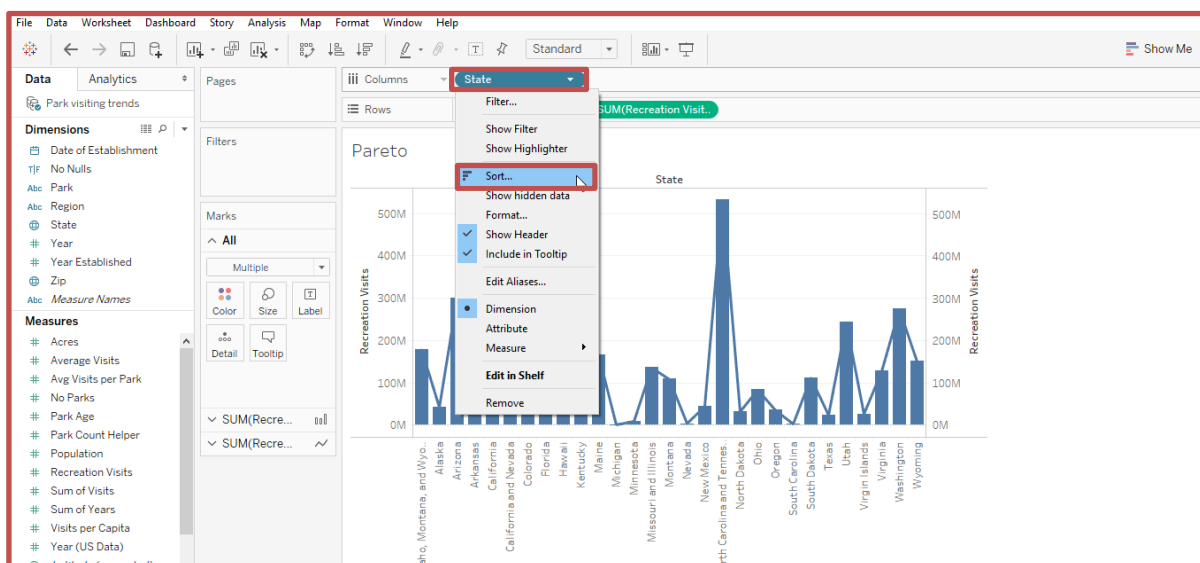


**Step 7:** Change the mark type of recreational visits (first pane) to bar.

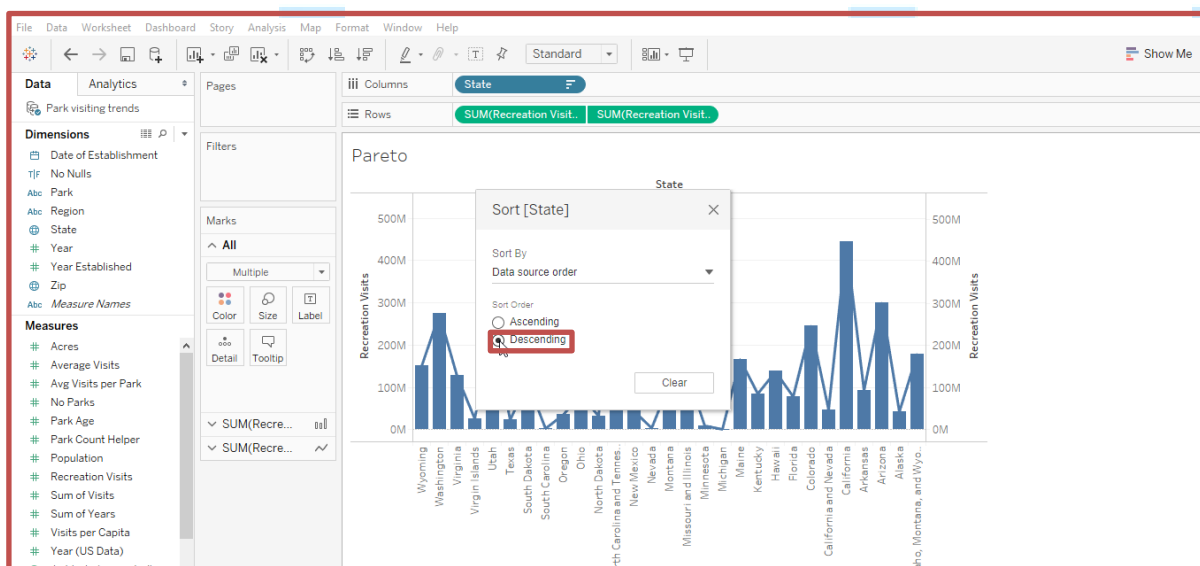


It is overlapping because the visits are same, in order to obtain the required view sort, the state in descending order based on recreational visits.

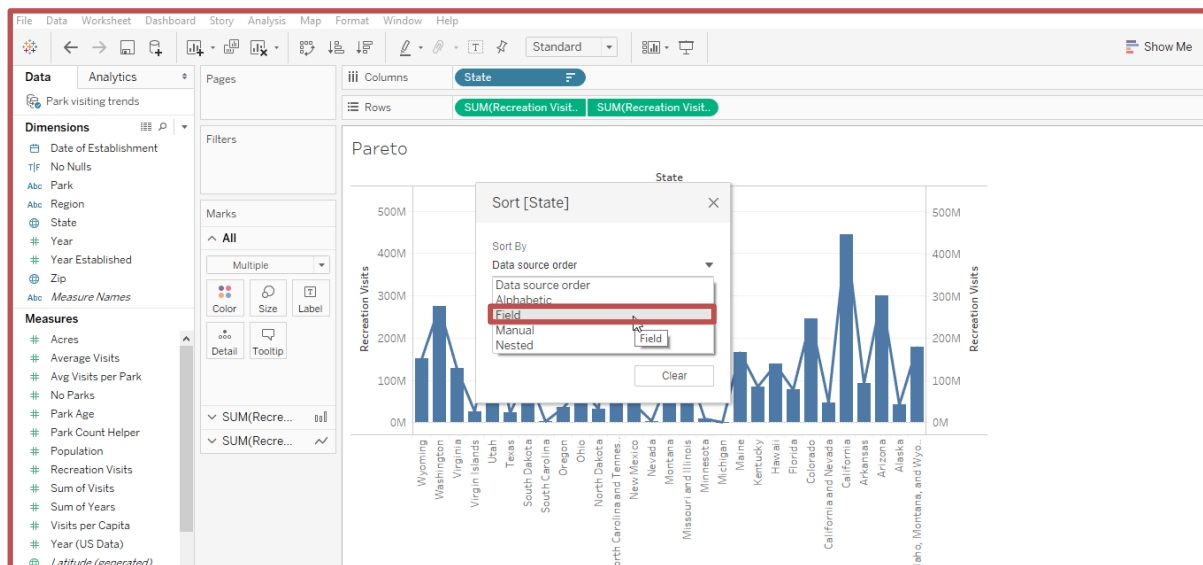
**Step 8:** To sort click the drop down of state and select sort



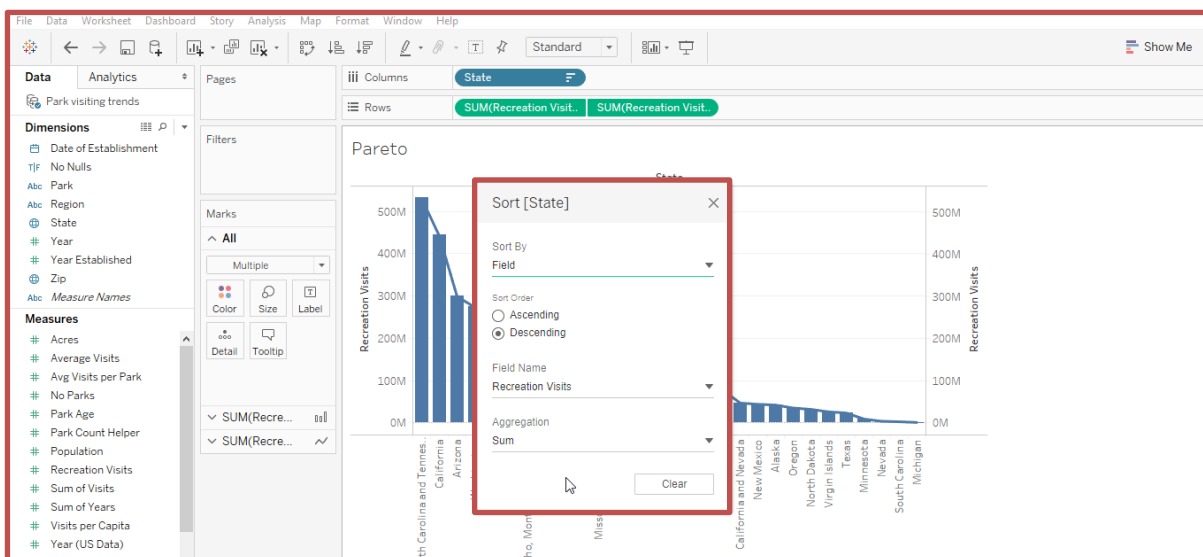
**Step 9:** Now, click on descending.



**Step 10:** Click the drop down of sort by and select “by field”.

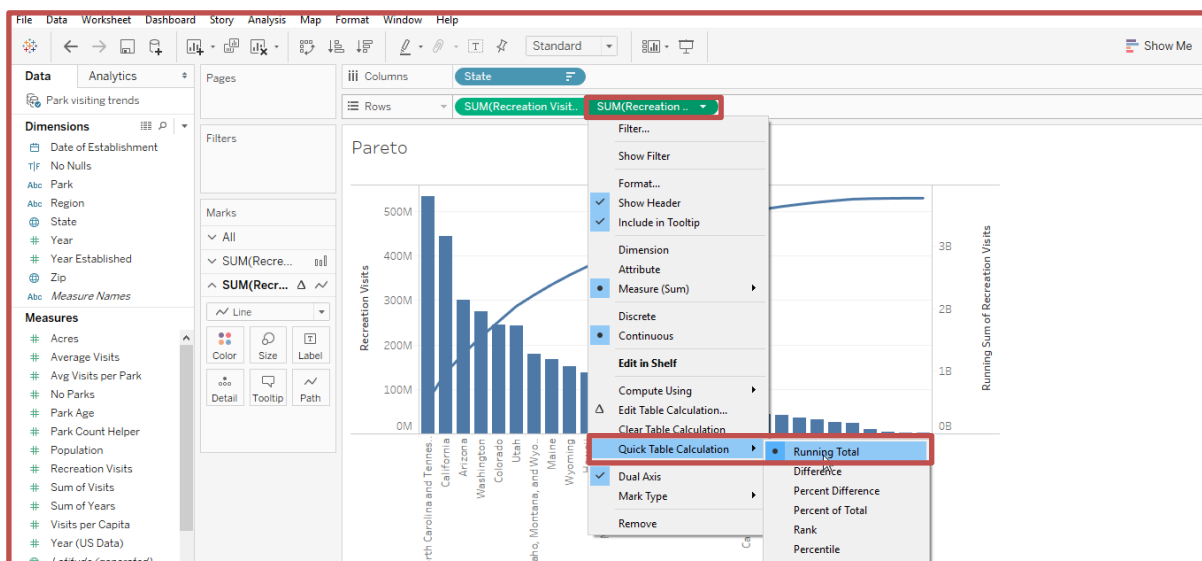


After clicking field you can view that view is sorted in descending order based on recreational visits.

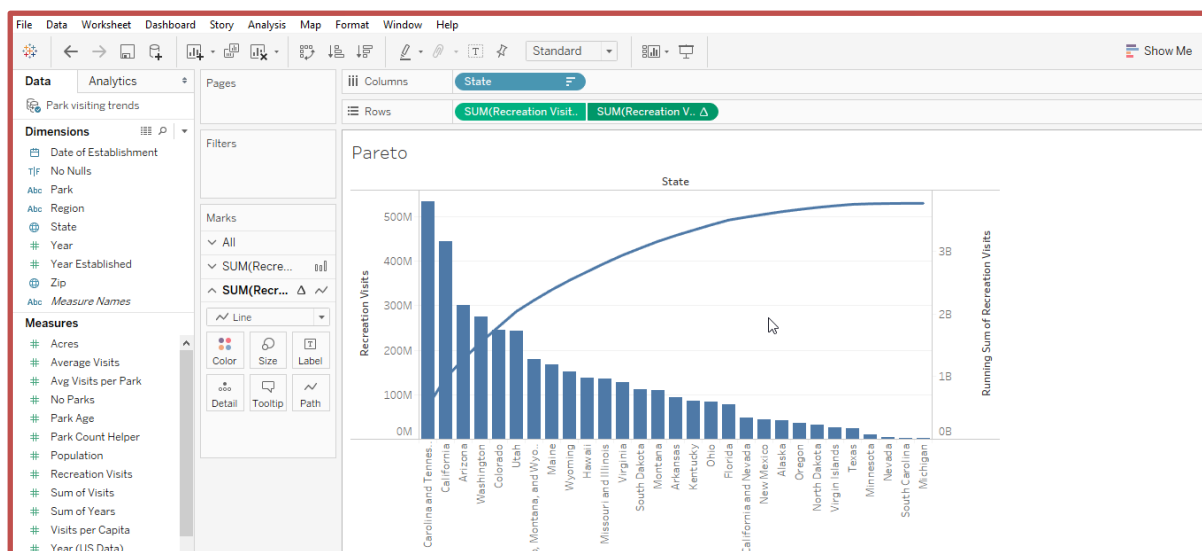


### Step 11: Add a quick table calculation of running total to line chart.

To add quick table calculation, click drop of recreational visits (second) and select running total.



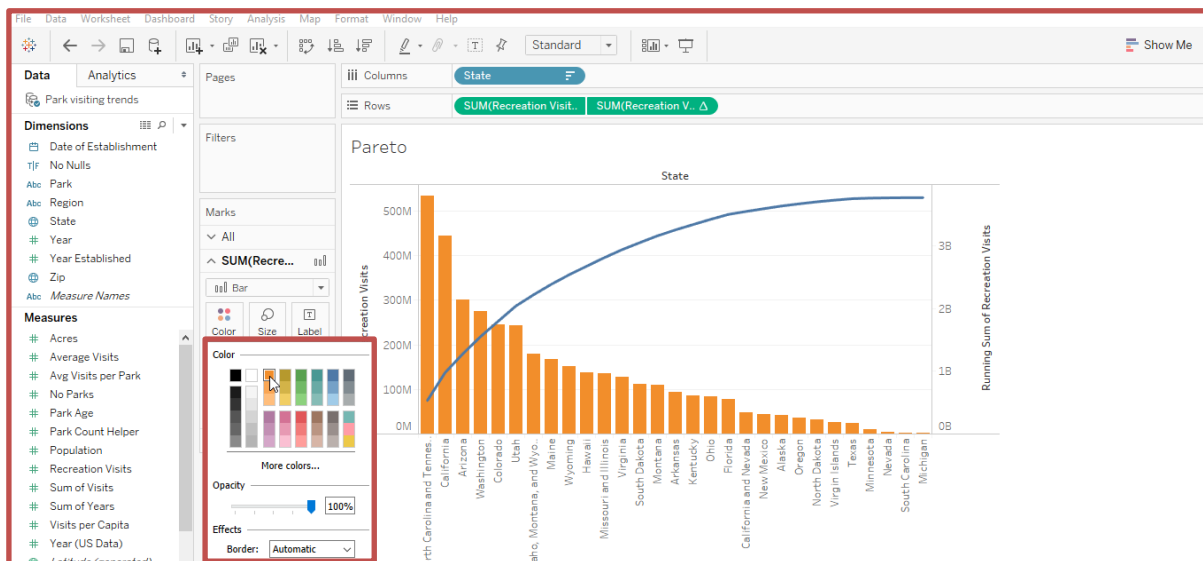
### Step 12: After adding the calculation, the view will be in the below format.



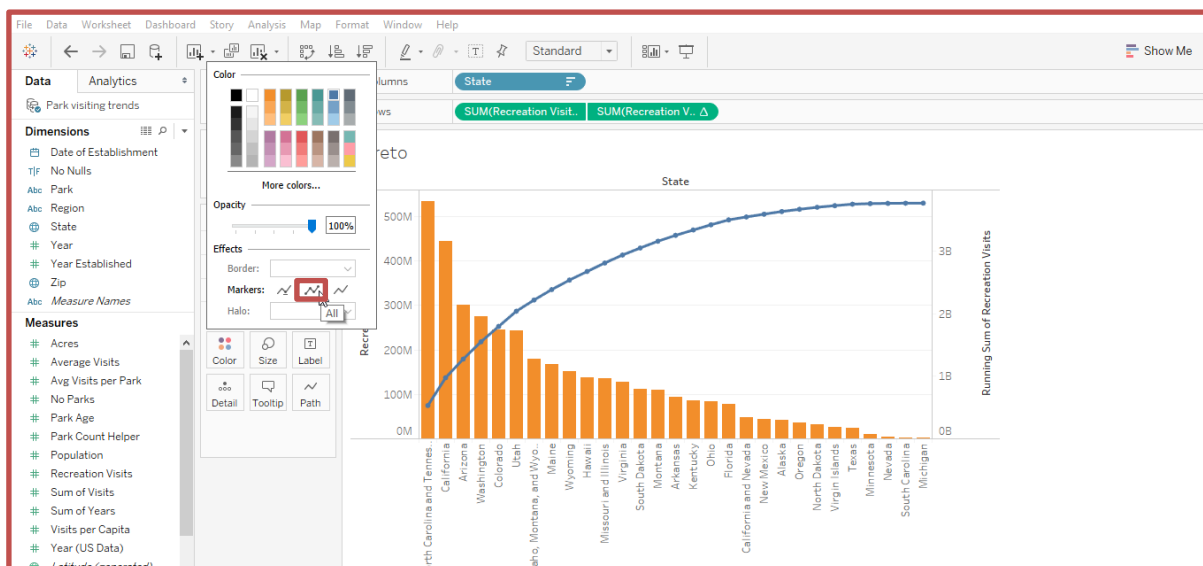


**Step 13:** Change the color of bar chart to have a better visualization if required.

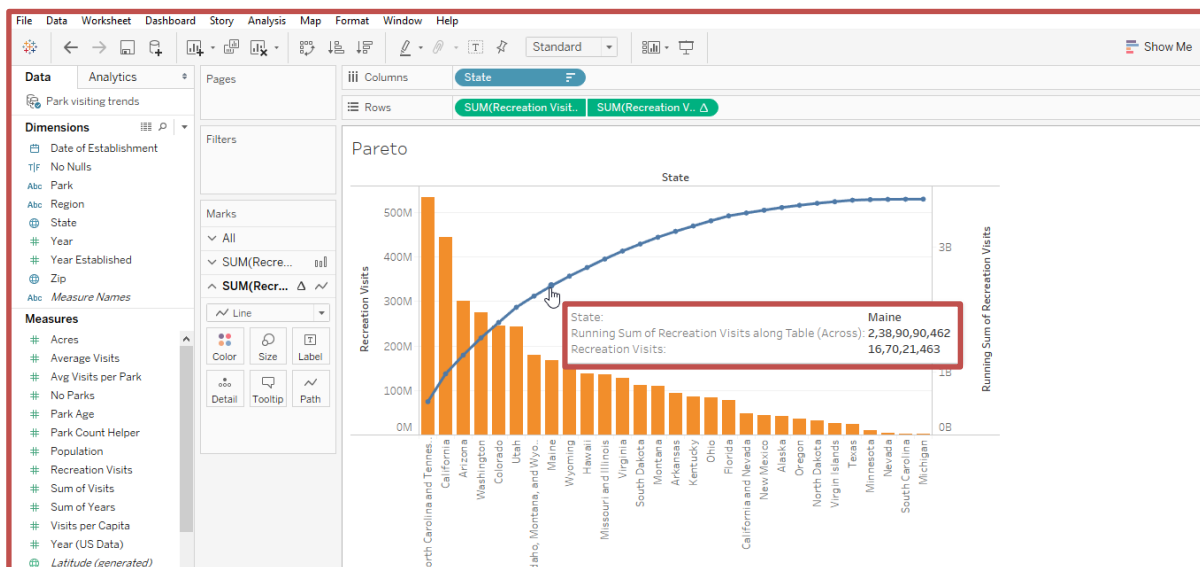
To change color, click on color pane in marks shelf and select edit color.



**Step 14:** Add marker to line chart by clicking on color pane on marks shelf.

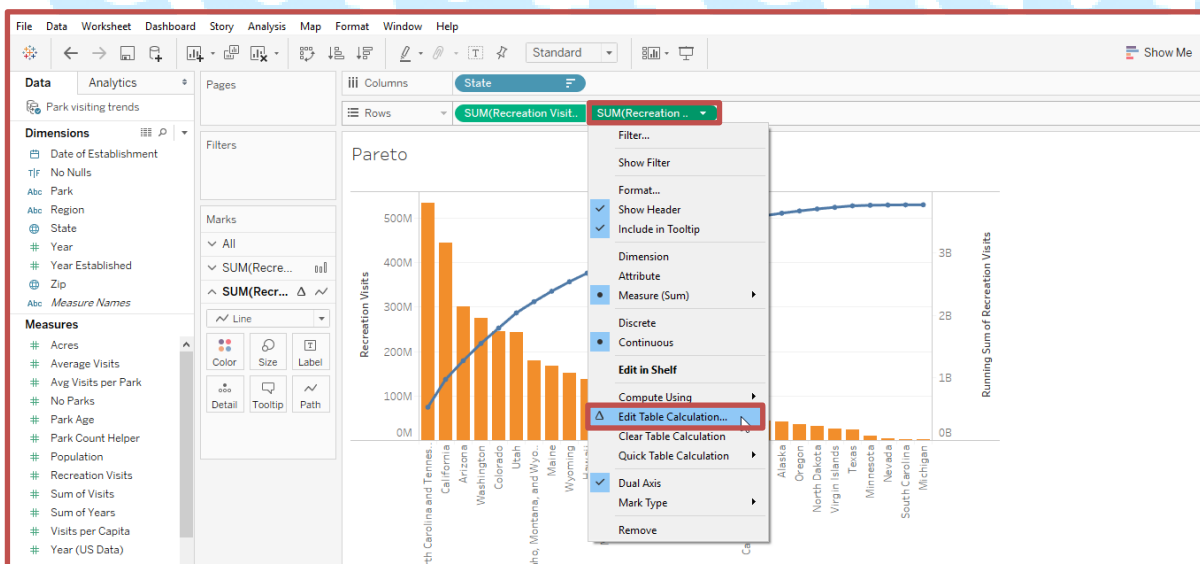


Although we have achieved the required view, we are getting the values in numbers and not in percentage.

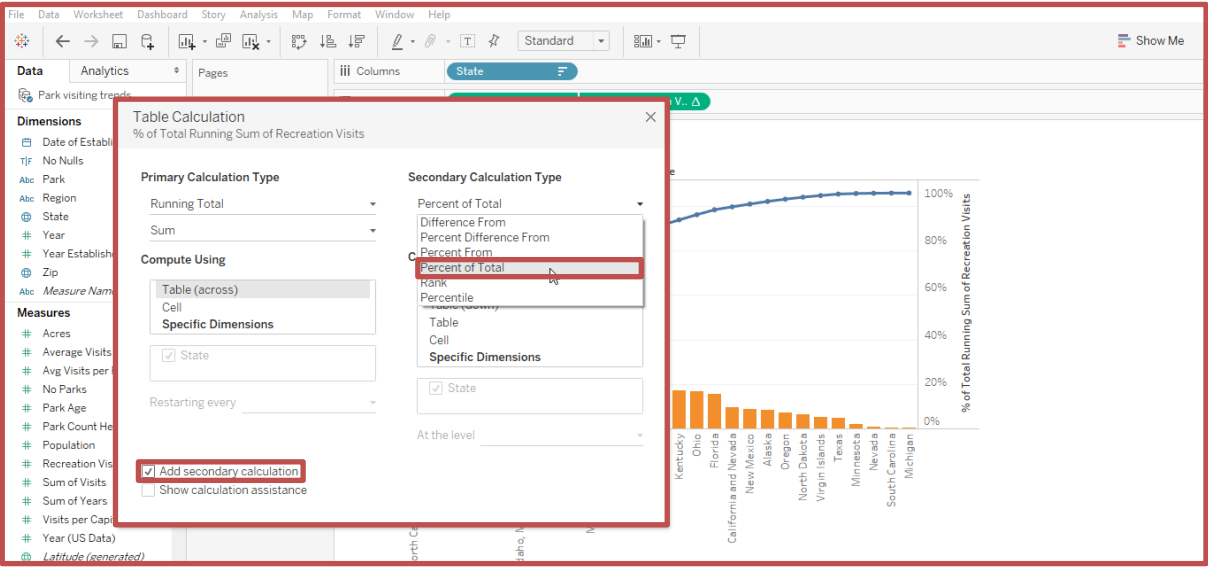


**Step 15:** Now to obtain percentage, add secondary table calculation to recreational visits (second).

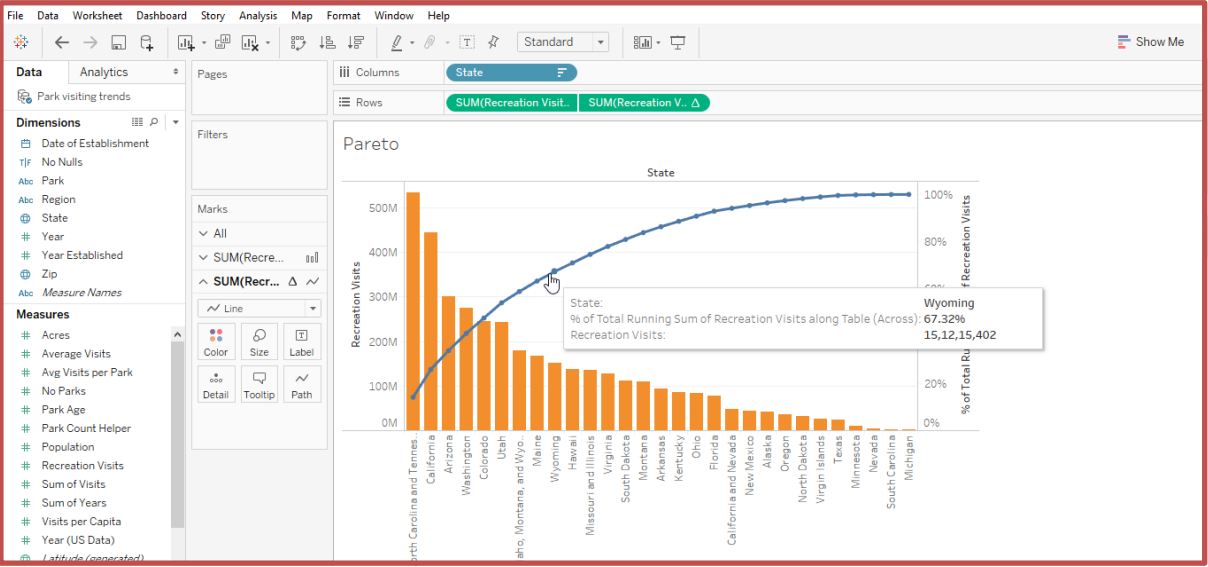
To add secondary calculation, click the drop down of recreational visits (second) and select edit table calculation.



**Step 16:** Now, select secondary calculation and click on percent of total to have the percentage.



We have the required view.



We can observe that Northern California Tennessee and California, contributes 20% to overall visits across all states.