

Module 8: Advance Charts in Tableau

Demo Document I

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Demo I

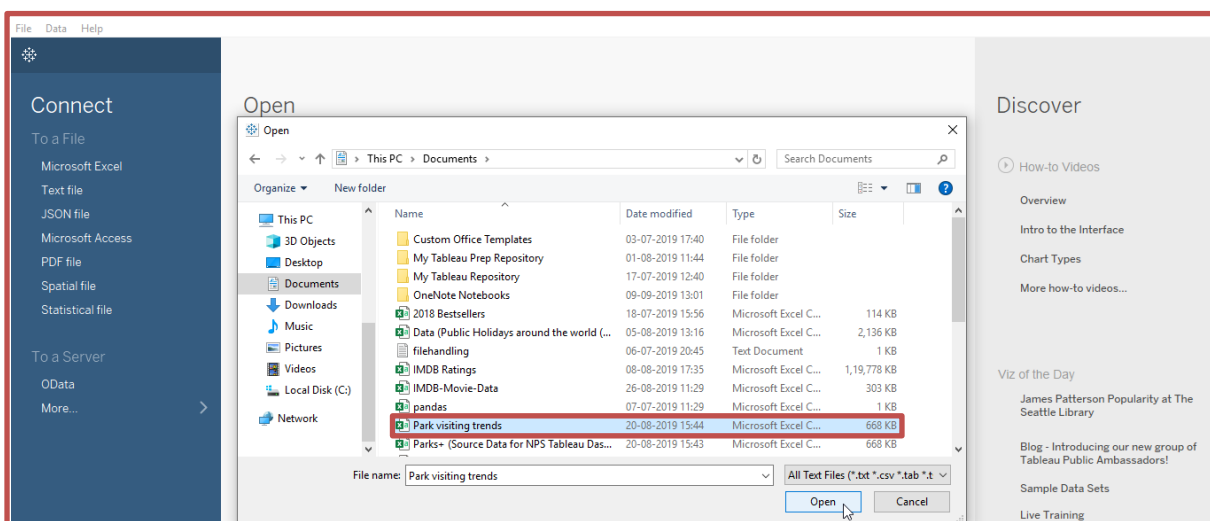
Using “Park visiting trends.csv” dataset, visualize the recreational visits of each region broken down by parks.

Demo I Solution

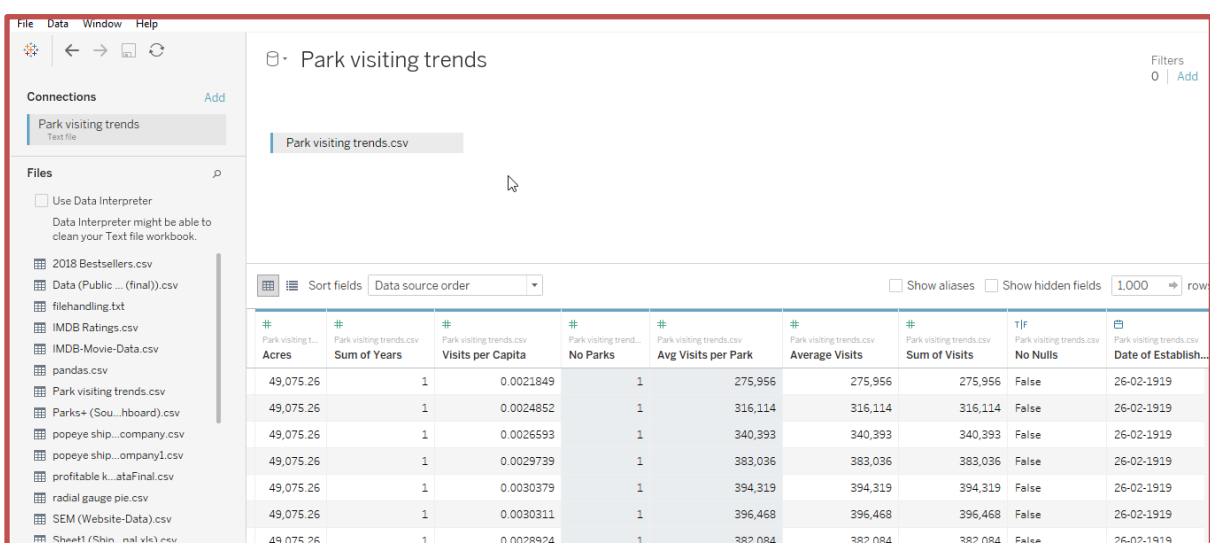
Make use of box and whisker's plot which shows the distribution of values along axis.

This helps us to visualize the distribution of data with respect to quartiles.

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



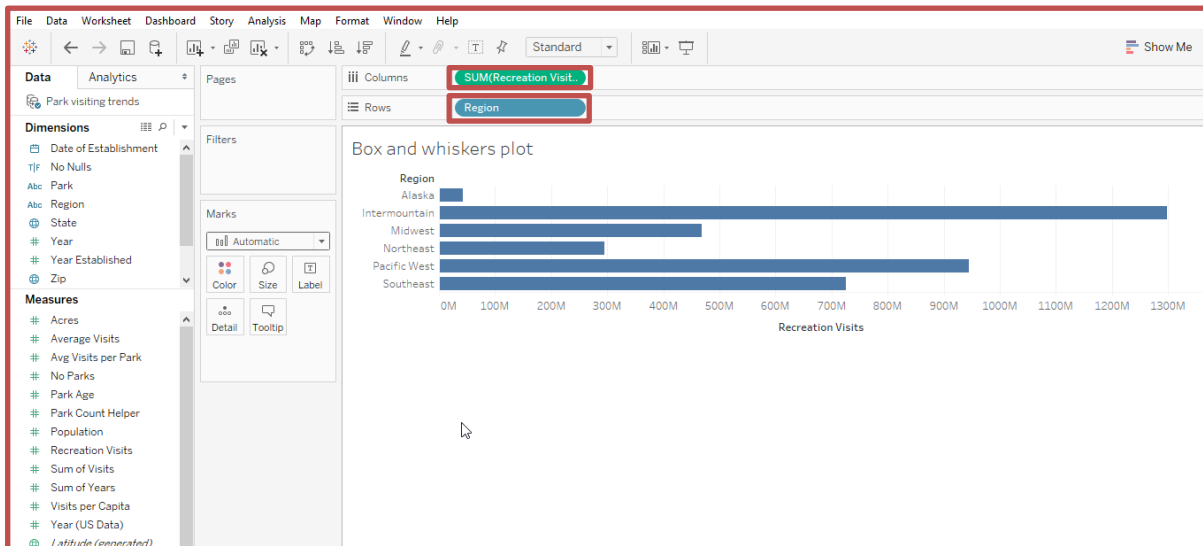
Step 2: Drag and drop the sheets that is “Park visiting trend” sheet on flow pane, Click on sheet.



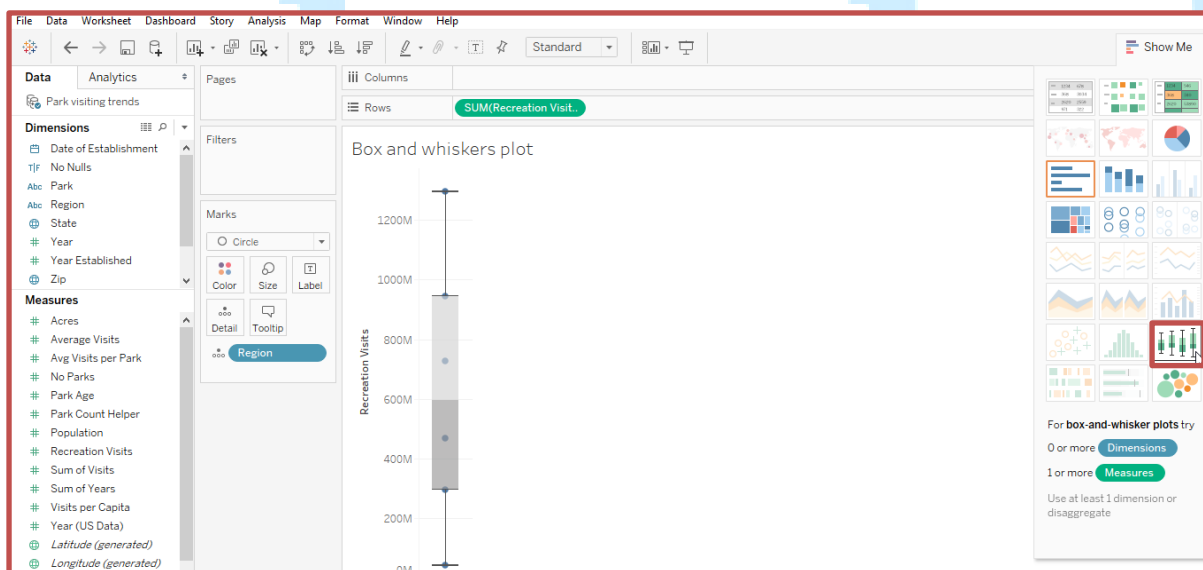
Go to sheet and rename the sheet to “Box and whisker’s plot”

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

- Recreational visits to columns
- Region to rows

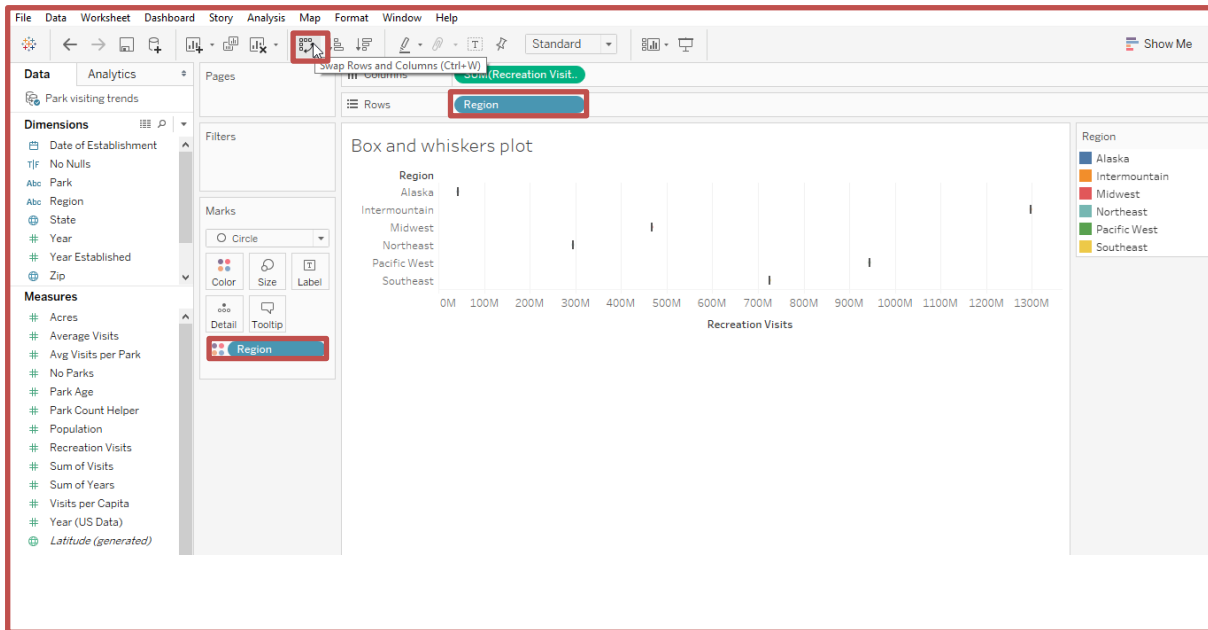


Step 4: Now, use show me tool to choose box and whisker's plot.

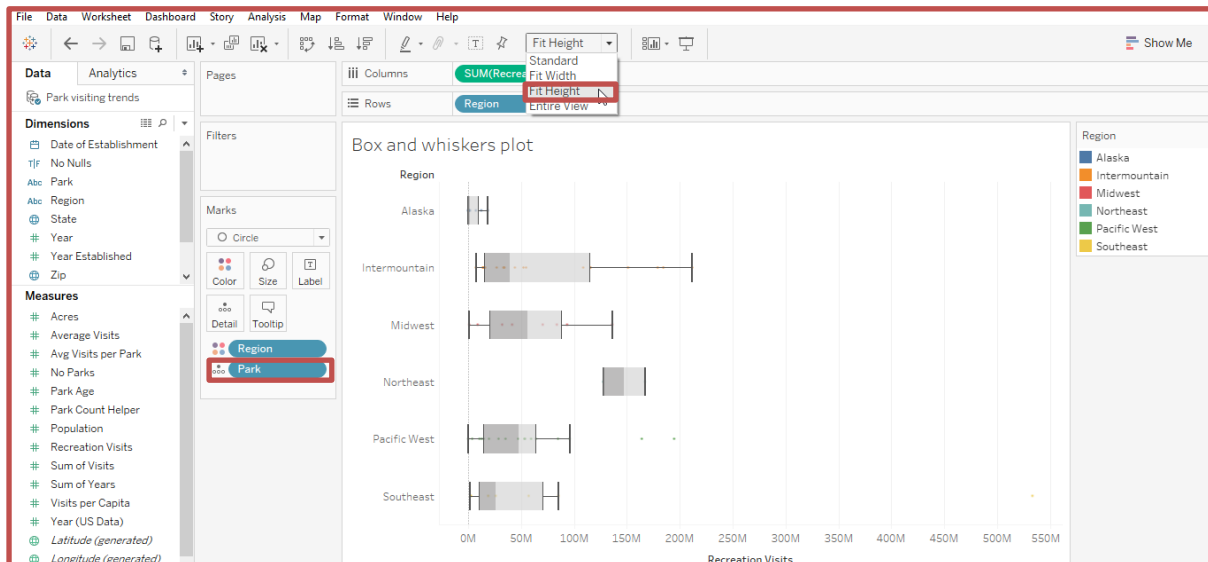


Step 5: Now, add region to rows and color. Use swap axis option as shown to obtain the below visualization.

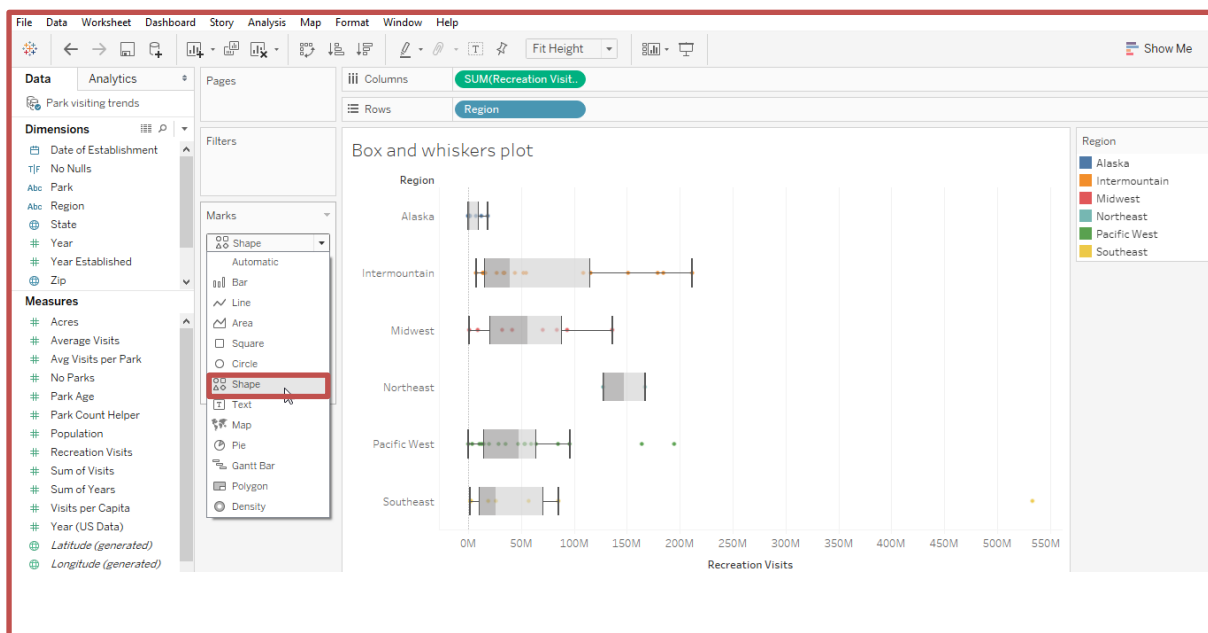
Module 8: Advance Chart in Tableau



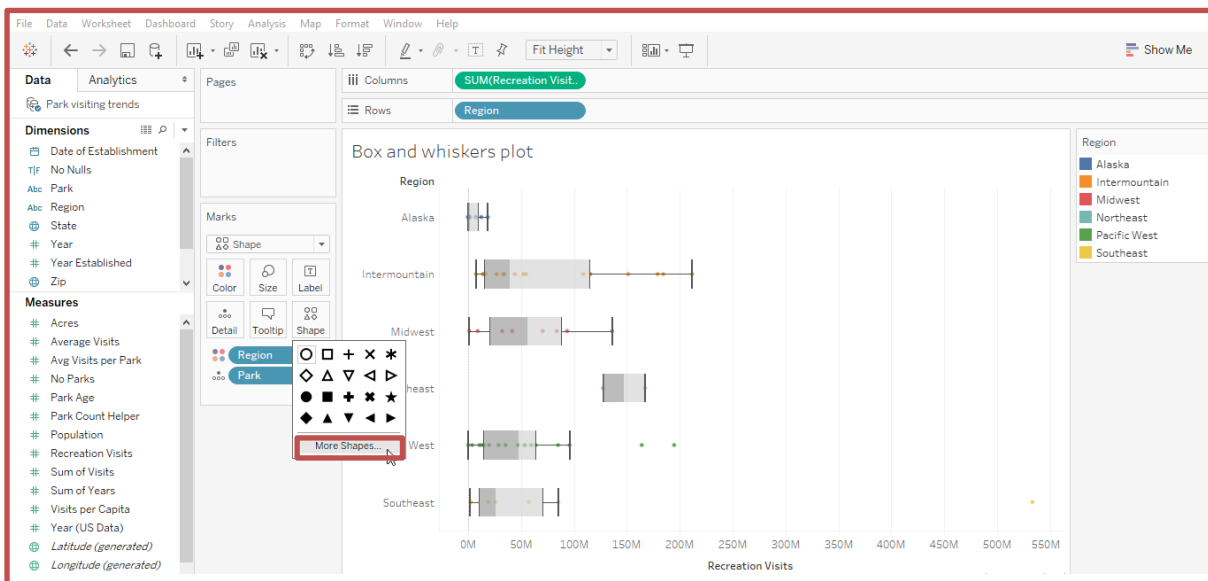
Step 6: Add park to detail and change the view to fit height.



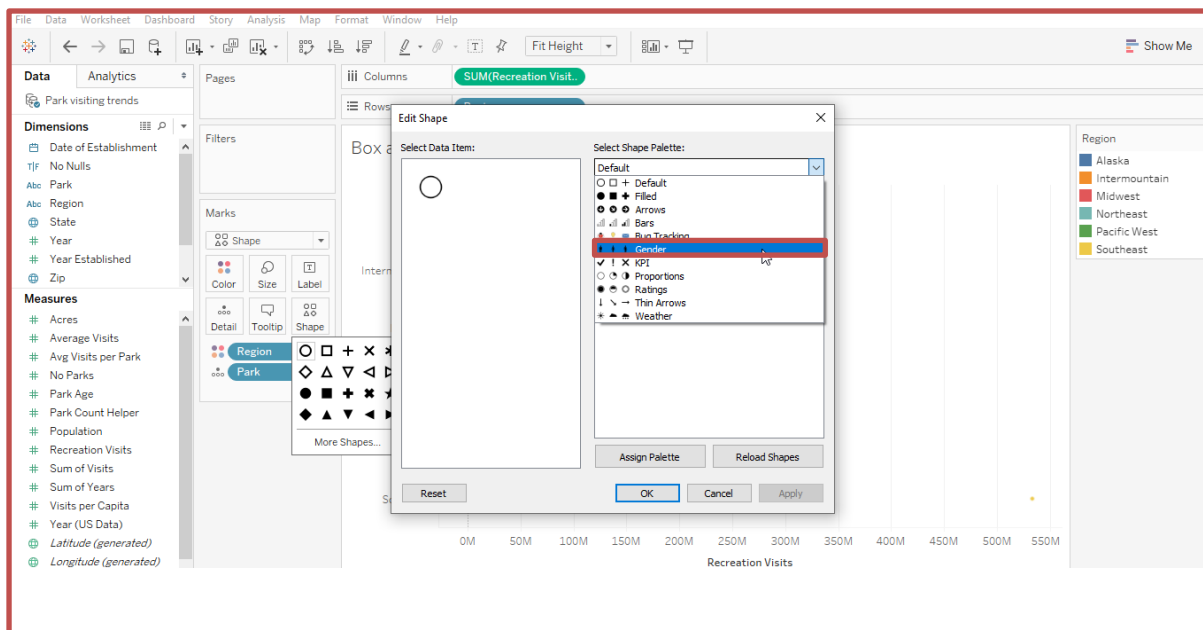
Step 7: Change the mark type to shapes.



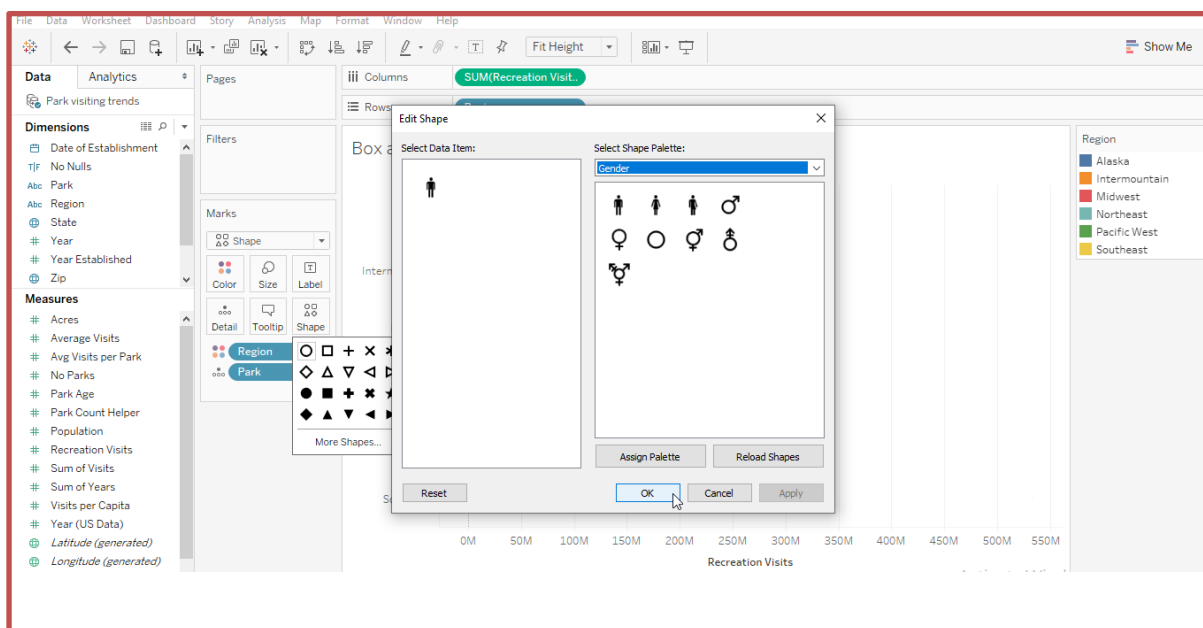
Step 8: Click on more shapes to customize shapes.



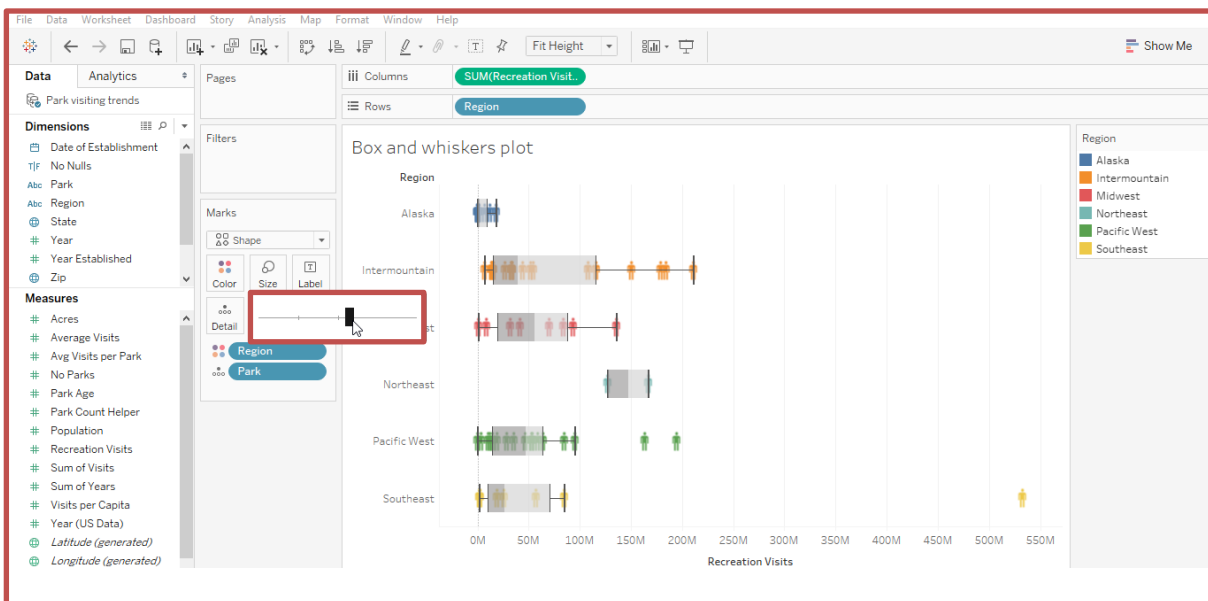
Step 9: Now, click on select shape palette and select Gender.



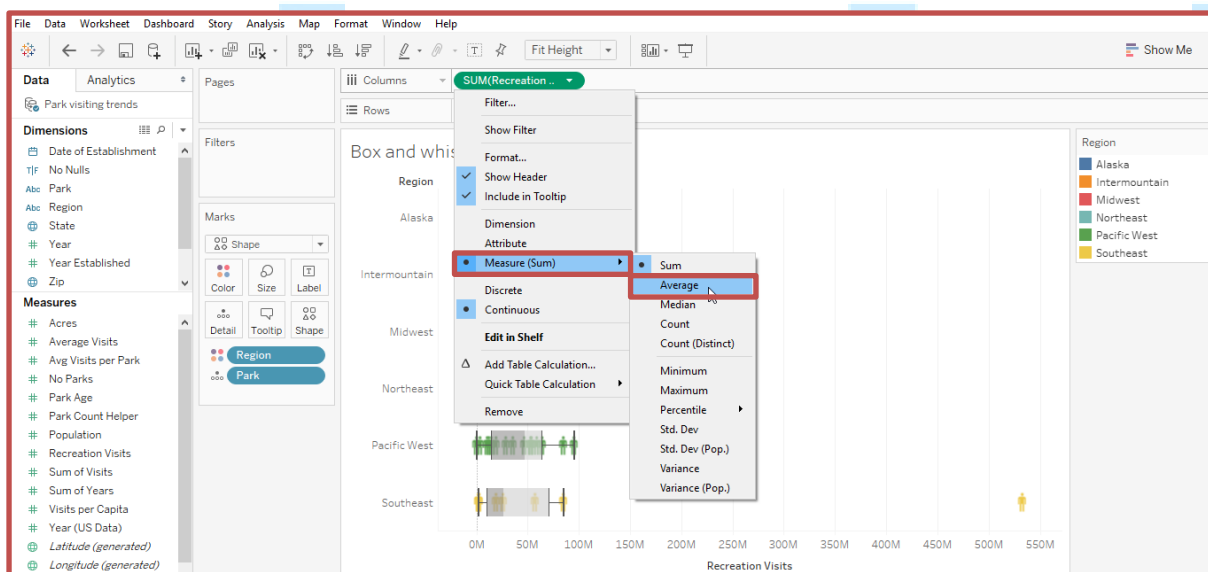
Step 10: Select the image of your choice then click ok.



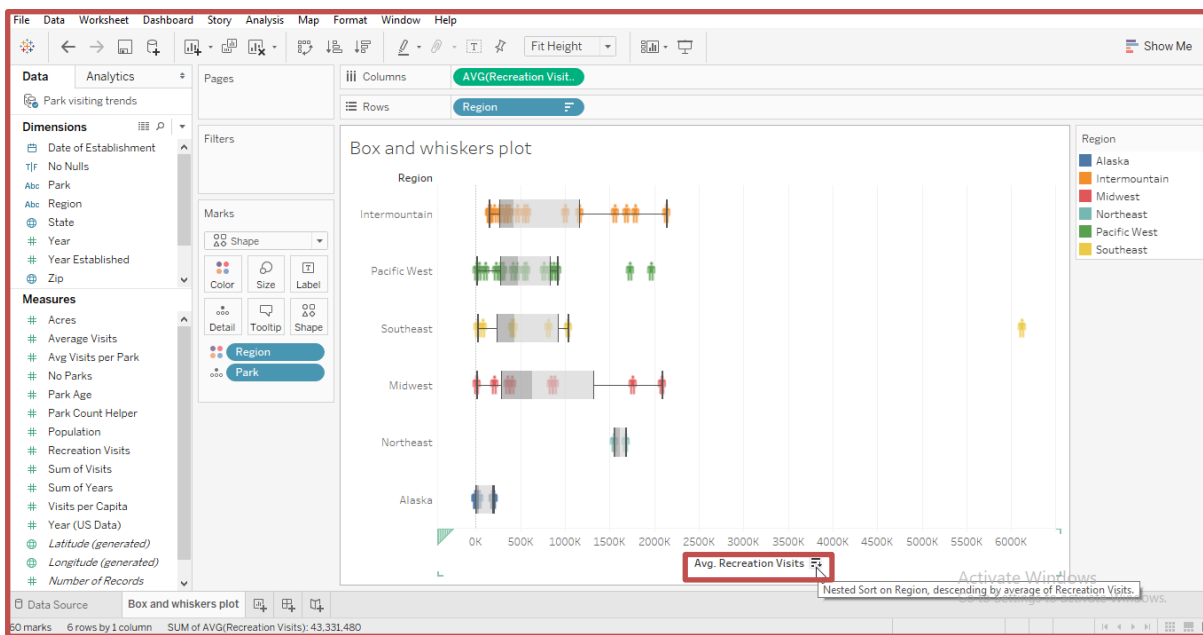
Step 11: Click on size to adjust the size of shapes.



Step 12: Since we are finding the visiting trend, change the recreational measure to average.



Step 13: Sort the visiting trend in ascending order based on the regions.



Step 14: Here is the final visualization of visiting trend based on region broken down by parks.

We can observe that Midwest has the highest visiting trend.

