

Project 2: Comparison of Region Based on Sales

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Approach

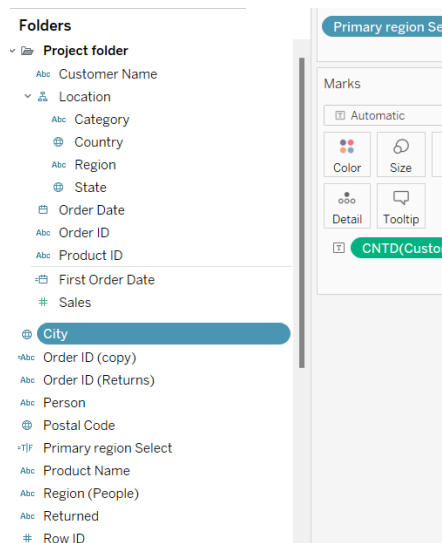
This is the second Tableau project I am submitting. The dash board as shown in the brief was extremely complex with very small elements of data.

Each of this set of data was to be filtered for a region. Plus there was a map to be added.

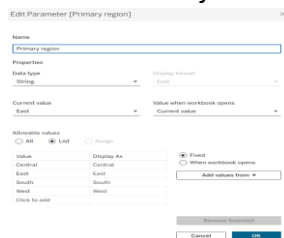
The data was examined for consistency and cleanliness and no maj outliers or spelling issues in names of states was found. This is crucial to getting the geographic display correct.

Execution

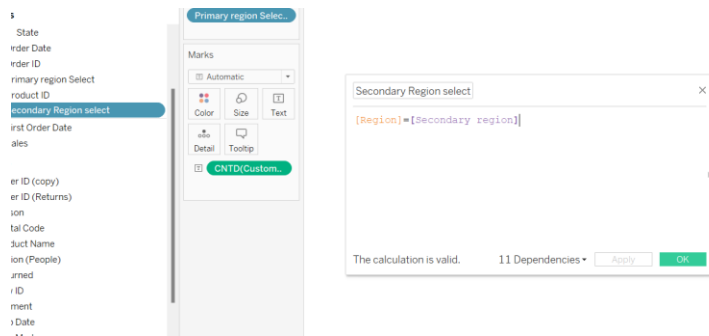
- The hierarchies and folders were created. It helped in sorting out the useless column from the useful.



- Create Parameters and calculated fields
 - This was the key in the project to filter data by region



Calculated field



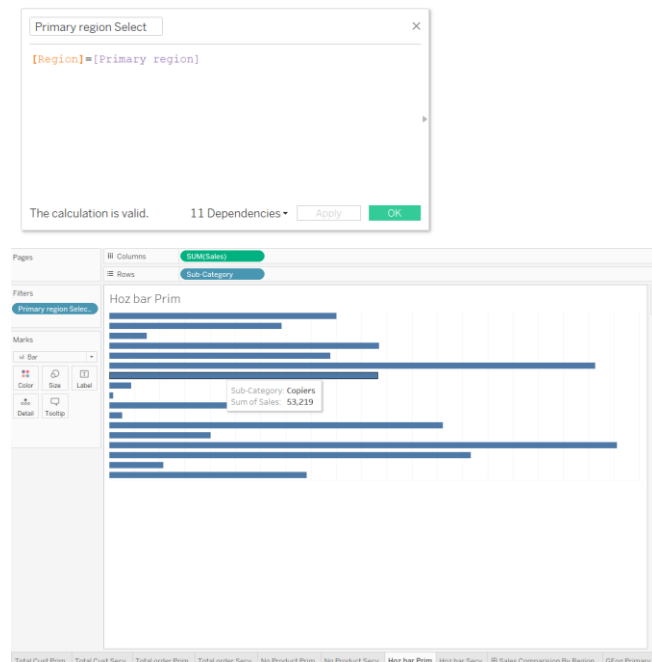
- Create first order date

This was a calculated field. I was not sure of the logic as it was unclear from the brief but I assume its min date from selected data. Calculation:

MIN(IF DATETRUNC('year', [Order Date]) = DATETRUNC('year', TODAY()) THEN [Order Date]
END)

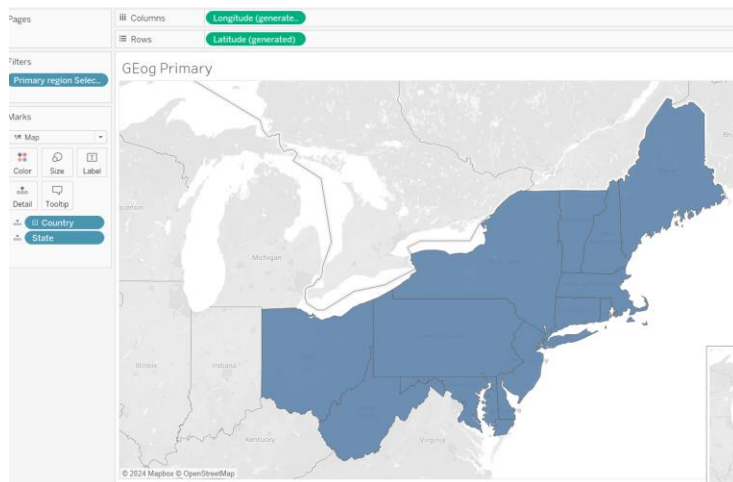
Making work sheets

- There after the work sheets were made for all data fields in the dashbaod.
- I made separate sheets for primary and secondary region by just duplicating sheets and changing the filter to “Primary region Select” or Secy Region select.



- Geographic Details

Used the generated lat long from fields. As data was clean it went through like a shot. Applied the “Primary region select” on filter and used std visualisation for fill.



Dash board

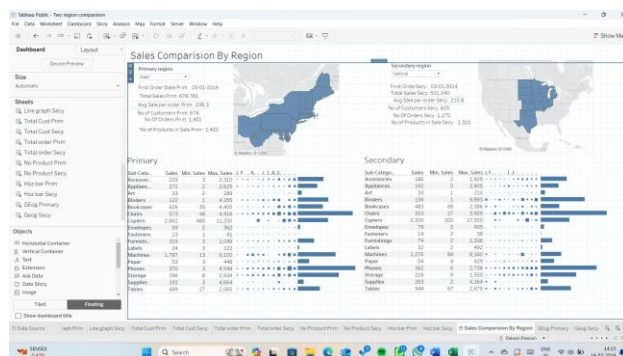
This has taken me a days of effort putting so much information in the dash board.

Used the auto size as it gave max real estate on screen and used floating items.

This is not ideal but fastest method.

The dashboard was then published on tableau public server and the functionality checked.

It works fine as expected.



[Link for published dashboard](#)

[Tableau published dash Link](#)

Conclusion

Took far more time than anticipated. Had to do a lot of research for frequent hitches but there are adequate resources online to meet all your needs. Nice project gave a full work out on skills.