Project on Comparison of Region based on Sales in Tableau

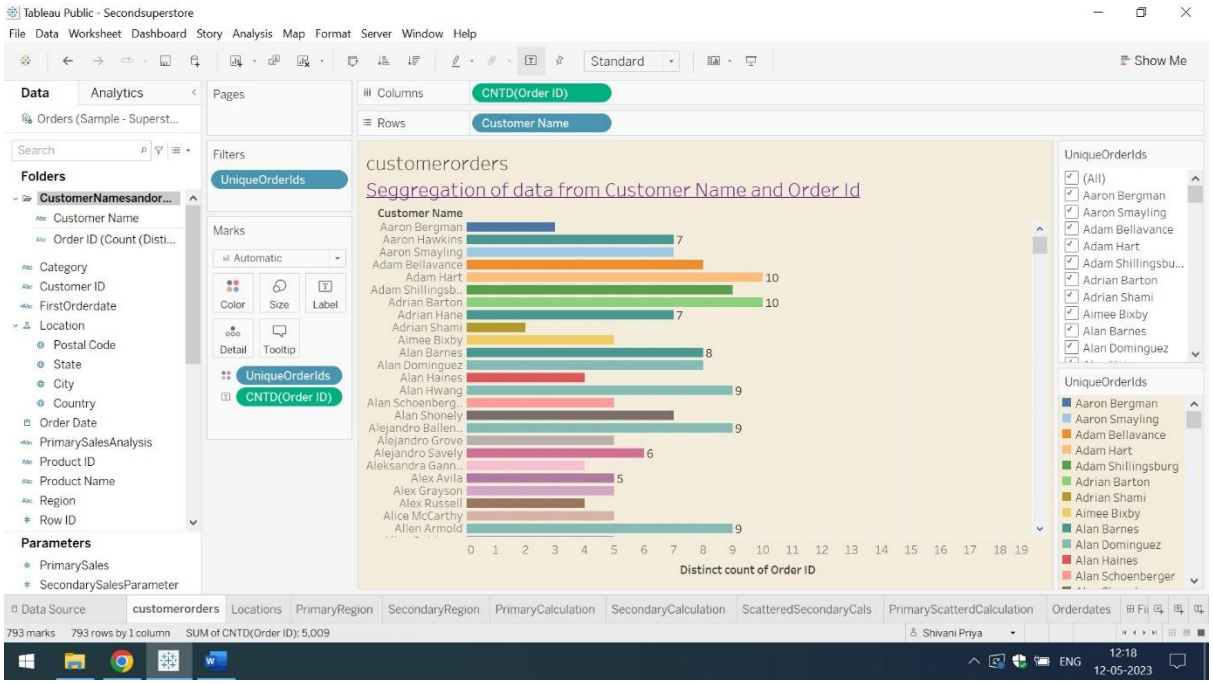
Q1) Select Sample Superstore as Dataset

1-Use Sample Superstore Dataset

2-Select Data

3-Use Group by from Data Source Table on a Folder to create a folder to segregate the required data for Customer Name and Order ID inorder to organize the data thoroughly.

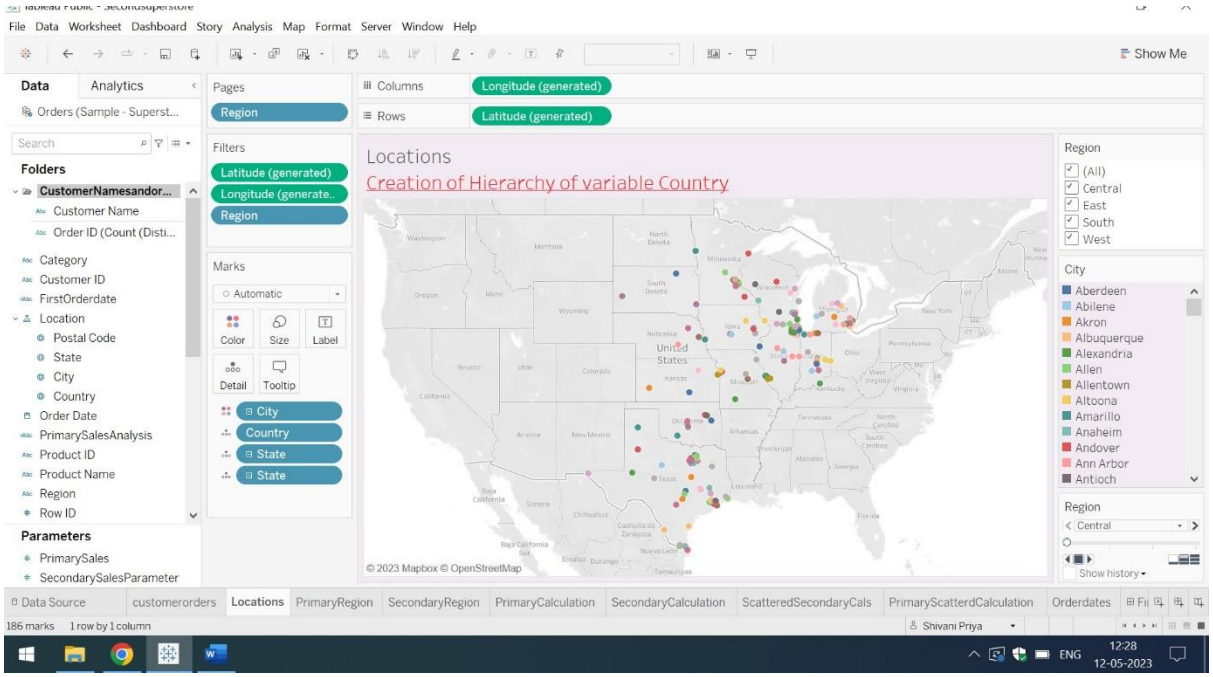
Ans) The below attached is the screenshot of the folder which represents the distinct count of order ids for various customer names



The folder customernameandorderids has two separate entities of Customer Name and distinct order ids.

Q2) Create a hierarchy called Location for the variable Country.

Ans) The screenshot of the location hierarchy for the variable country is shown below:



Here in the location hierarchy, the postal code,state and country data has been added

Q3) Create two parameters: Primary Region and Secondary Region with all regions listed in them. Here, primary and secondary region are the two regions where the sales are being compared.

Create Parameters for Primary Region and Secondary Region

Create a Calculated Field for both Primary Region and Secondary Region

Ans) The Parameter of Primary Region Sales are from 1 to 4000 while of Secondary Regions are from 6000 to 8000. These Parameters values are based on assumption and named as Primary Sales and Secondary Sales. If the Primary Sales Values are less than 2000 then the regions are in Loss else in Profit.If the Secondary Sales Values are less than 7000 then the regions are in Loss else in Profit. These are the assumptions of the values from both Primary and Secondary Region. The below attached are the screenshots of Primary and Secondary Regions with calculated fields.

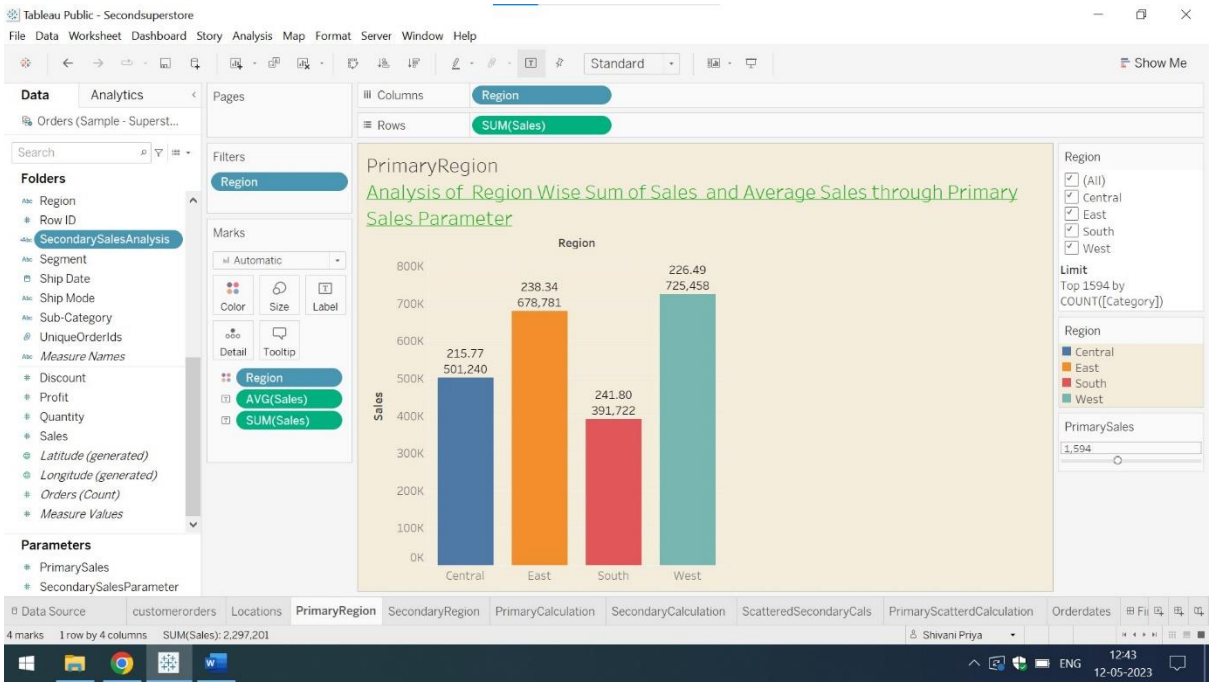
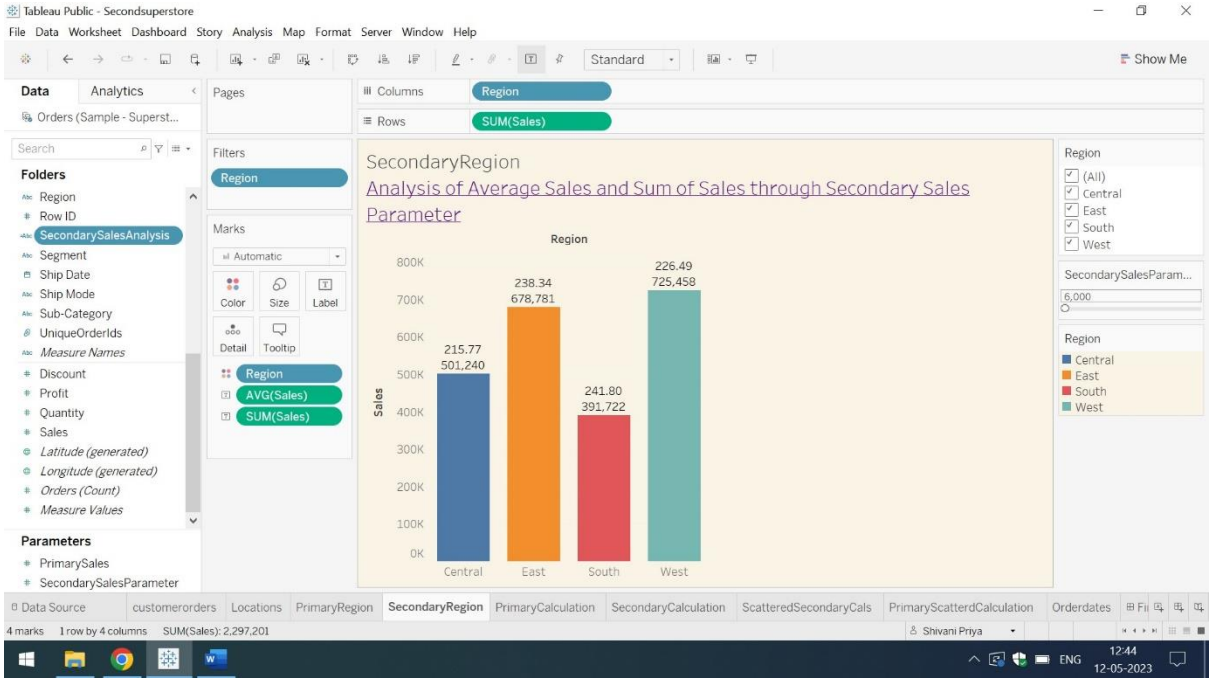


Tableau Public - Secondsuperstore
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
Pages
Columns
Region
Rows
SUM(Sales)
Filters
Region
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Region
AVG(Sales)
SUM(Sales)
PrimaryRegion
Analysis of Region Wise Sum of Sales and Average Sales through Primary Sales Parameter
Region
Sales
800K
700K
600K
500K
400K
300K
200K
100K
0K
215.77
501,240
238.34
678,781
241.80
391,722
226.49
725,458
Central
East
South
West
Region
(All)
Central
East
South
West
Limit
Top 1594 by
COUNT([Category])
Region
Central
East
South
West
PrimarySales
1,594
Folders
Region
Row ID
SecondarySalesAnalysis
Segment
Ship Date
Ship Mode
Sub-Category
UniqueOrderIds
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
Orders (Count)
Measure Values
Parameters
PrimarySales
SecondarySalesParameter
Data Source
customerorders
Locations
PrimaryRegion
SecondaryRegion
PrimaryCalculation
SecondaryCalculation
ScatteredSecondaryCals
PrimaryScatterdCalculation
Orderdates
4 marks
1 row by 4 columns
SUM(Sales): 2,297,201
Shivani Priya
ENG
12:43
12-05-2023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Standard
Show Me
Data
Analytics
Pages
Columns
Region
Rows
SUM(Sales)
Filters
Region
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Region
AVG(Sales)
SUM(Sales)
SecondaryRegion
Analysis of Average Sales and Sum of Sales through Secondary Sales Parameter
Region
Sales
800K
700K
600K
500K
400K
300K
200K
100K
0K
215.77
501,240
238.34
678,781
241.80
391,722
226.49
725,458
Central
East
South
West
Region
(All)
Central
East
South
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SecondarySalesParam...
6,000
Region
Central
East
South
West
Folders
Region
Row ID
SecondarySalesAnalysis
Segment
Ship Date
Ship Mode
Sub-Category
UniqueOrderIds
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
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Measure Values
Parameters
PrimarySales
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customerorders
Locations
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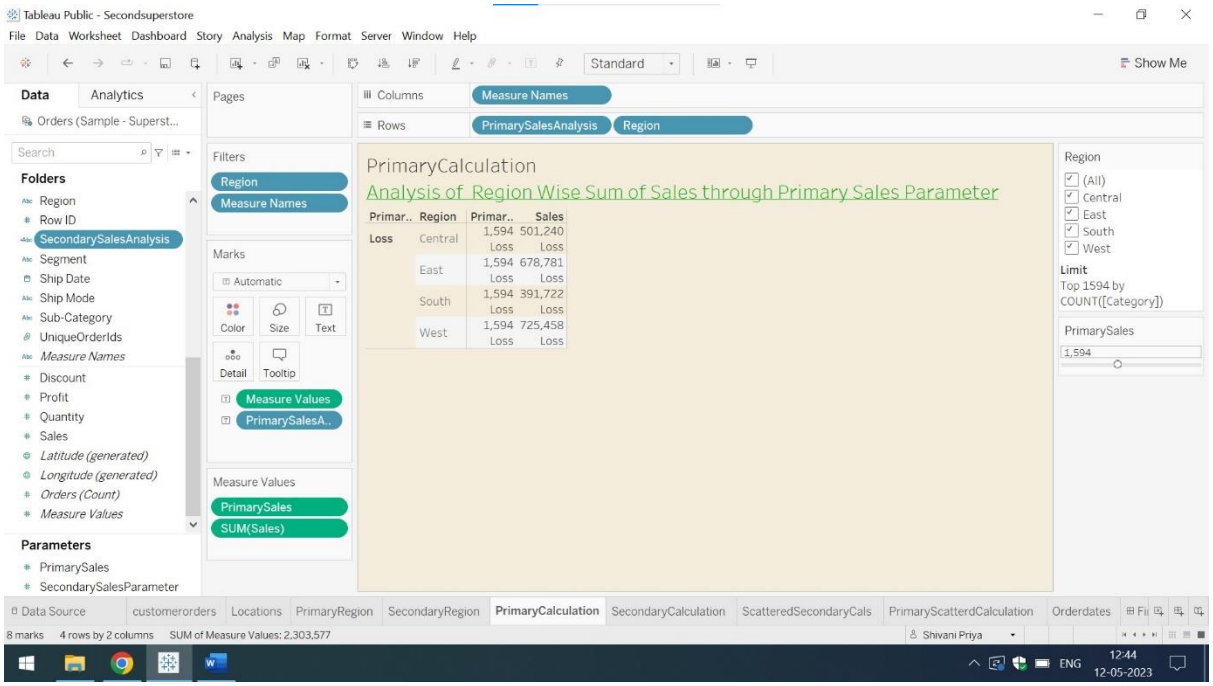
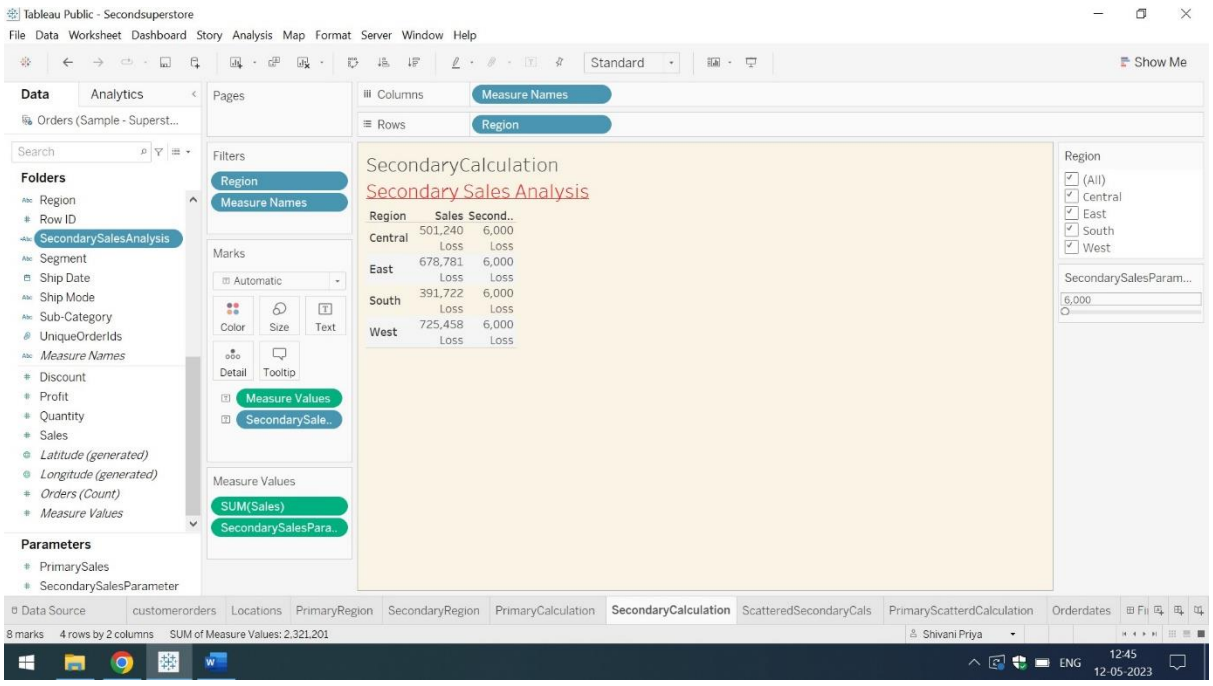
SecondaryRegion
PrimaryCalculation
SecondaryCalculation
ScatteredSecondaryCals
PrimaryScatterdCalculation
Orderdates
4 marks
1 row by 4 columns
SUM(Sales): 2,297,201
Shivani Priya
ENG
12:44
12-05-2023





Q4) Create a First Order Date.

Create a Calculated Field and name it as the First Order Date

Ans) The screenshots of the First Order Date of various dates are as follows.Here First Order date is the calculated field which shows the day,months and quarters of various years

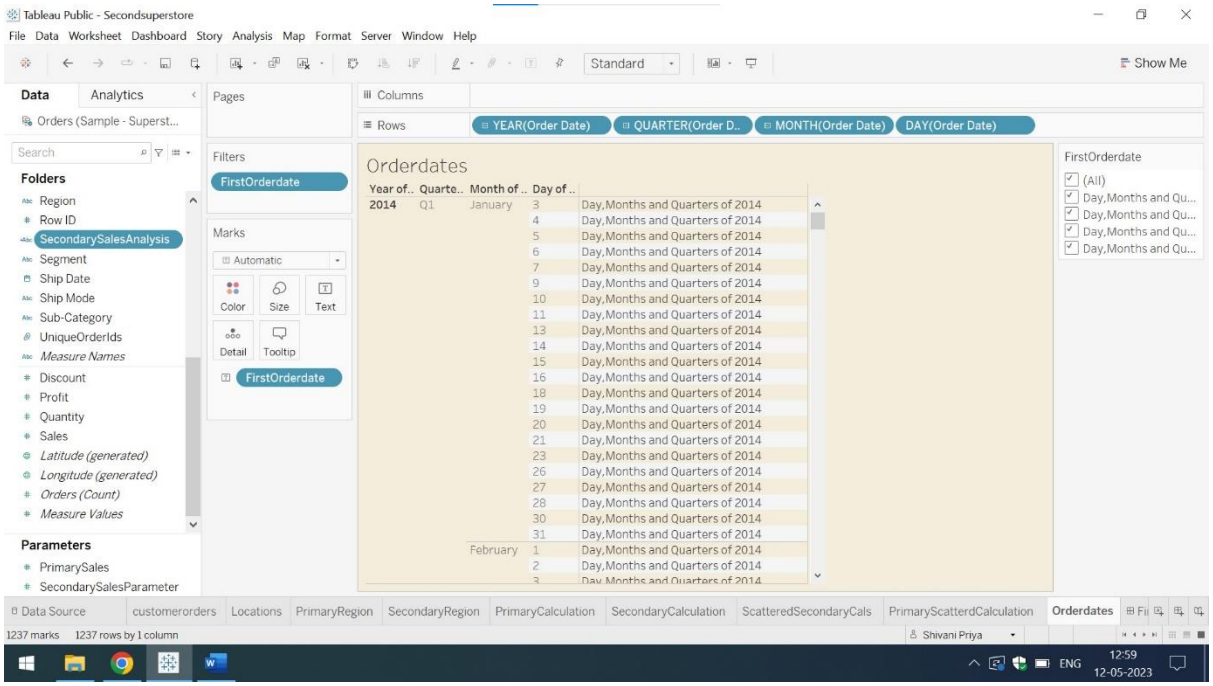


Tableau Public - Secondsuperstore
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
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Data
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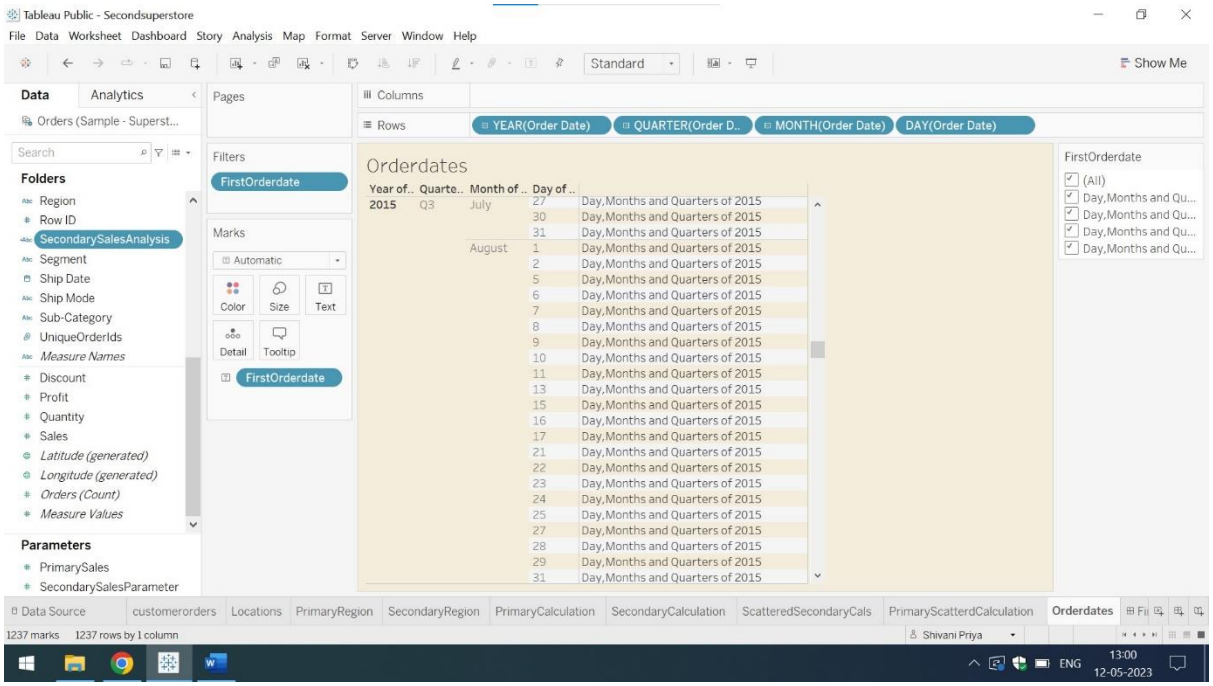
Search
Folders
Region
Row ID
SecondarySalesAnalysis
Segment
Ship Date
Ship Mode
Sub-Category
UniqueOrderIds
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
Orders (Count)
Measure Values
Parameters
PrimarySales
SecondarySalesParameter
Pages
Filters
FirstOrderdate
Marks
Automatic
Color
Size
Text
Detail
Tooltip
FirstOrderdate
Columns
Rows
YEAR(Order Date)
QUARTER(Order D..
MONTH(Order Date)
DAY(Order Date)
Orderdates
Year of.. Quarte.. Month of .. Day of ..
2014 Q1 January 3 Day,Months and Quarters of 2014
4 Day,Months and Quarters of 2014
5 Day,Months and Quarters of 2014
6 Day,Months and Quarters of 2014
7 Day,Months and Quarters of 2014
9 Day,Months and Quarters of 2014
10 Day,Months and Quarters of 2014
11 Day,Months and Quarters of 2014
13 Day,Months and Quarters of 2014
14 Day,Months and Quarters of 2014
15 Day,Months and Quarters of 2014
16 Day,Months and Quarters of 2014
18 Day,Months and Quarters of 2014
19 Day,Months and Quarters of 2014
20 Day,Months and Quarters of 2014
21 Day,Months and Quarters of 2014
23 Day,Months and Quarters of 2014
26 Day,Months and Quarters of 2014
27 Day,Months and Quarters of 2014
28 Day,Months and Quarters of 2014
30 Day,Months and Quarters of 2014
31 Day,Months and Quarters of 2014
February 1 Day,Months and Quarters of 2014
2 Day,Months and Quarters of 2014
FirstOrderdate
(All)
Day,Months and Qu...
Day,Months and Qu...
Day,Months and Qu...
Day,Months and Qu...
Data Source
customerorders
Locations
PrimaryRegion
SecondaryRegion
PrimaryCalculation
SecondaryCalculation
ScatteredSecondaryCals
PrimaryScatterdCalculation
Orderdates
1237 marks
1237 rows by 1 column
Shivani Priya
ENG
12:59
12-05-2023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Row ID
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Ship Date
Ship Mode
Sub-Category
UniqueOrderIds
Measure Names
Discount
Profit
Quantity
Sales
Latitude (generated)
Longitude (generated)
Orders (Count)
Measure Values
Parameters
PrimarySales
SecondarySalesParameter
Pages
Filters
FirstOrderdate
Marks
Automatic
Color
Size
Text
Detail
Tooltip
FirstOrderdate
Columns
Rows
YEAR(Order Date)
QUARTER(Order D..
MONTH(Order Date)
DAY(Order Date)
Orderdates
Year of.. Quarte.. Month of .. Day of ..
2015 Q3 July 27 Day,Months and Quarters of 2015
30 Day,Months and Quarters of 2015
31 Day,Months and Quarters of 2015
August 1 Day,Months and Quarters of 2015
2 Day,Months and Quarters of 2015
5 Day,Months and Quarters of 2015
6 Day,Months and Quarters of 2015
7 Day,Months and Quarters of 2015
8 Day,Months and Quarters of 2015
9 Day,Months and Quarters of 2015
10 Day,Months and Quarters of 2015
11 Day,Months and Quarters of 2015
13 Day,Months and Quarters of 2015
15 Day,Months and Quarters of 2015
16 Day,Months and Quarters of 2015
17 Day,Months and Quarters of 2015
21 Day,Months and Quarters of 2015
22 Day,Months and Quarters of 2015
23 Day,Months and Quarters of 2015
24 Day,Months and Quarters of 2015
25 Day,Months and Quarters of 2015
27 Day,Months and Quarters of 2015
28 Day,Months and Quarters of 2015
29 Day,Months and Quarters of 2015
31 Day,Months and Quarters of 2015
FirstOrderdate
(All)
Day,Months and Qu...
Day,Months and Qu...
Day,Months and Qu...
Day,Months and Qu...
Data Source
customerorders
Locations
PrimaryRegion
SecondaryRegion
PrimaryCalculation
SecondaryCalculation
ScatteredSecondaryCals
PrimaryScatterdCalculation
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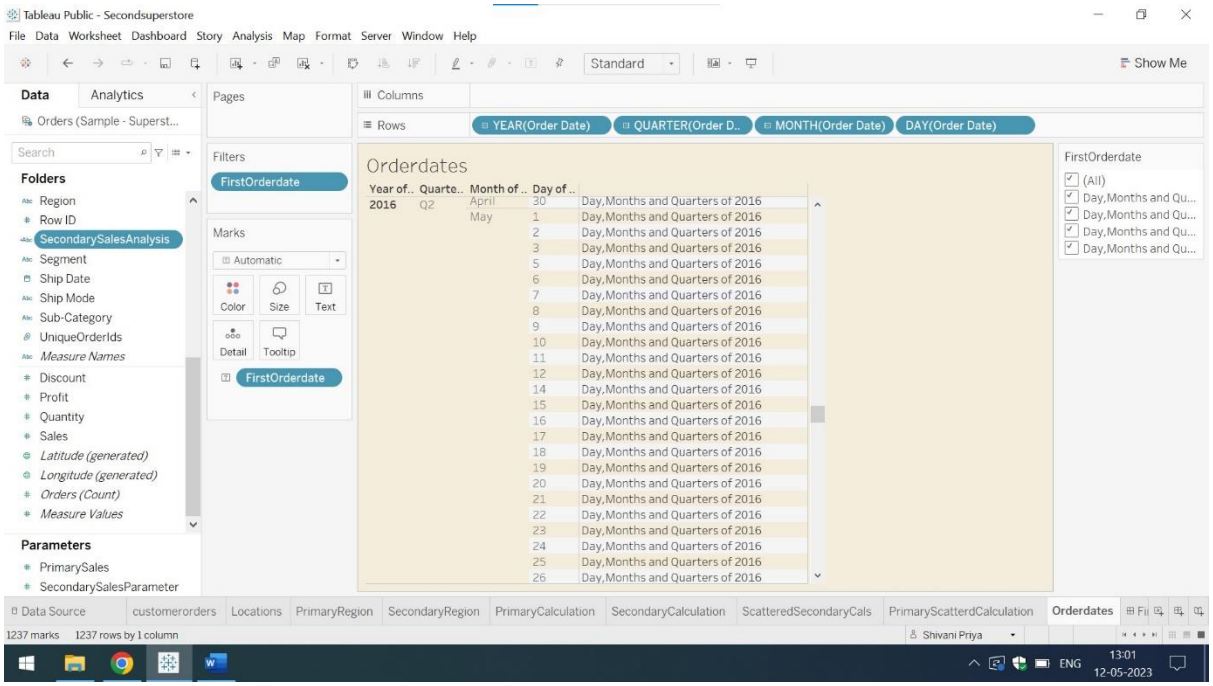
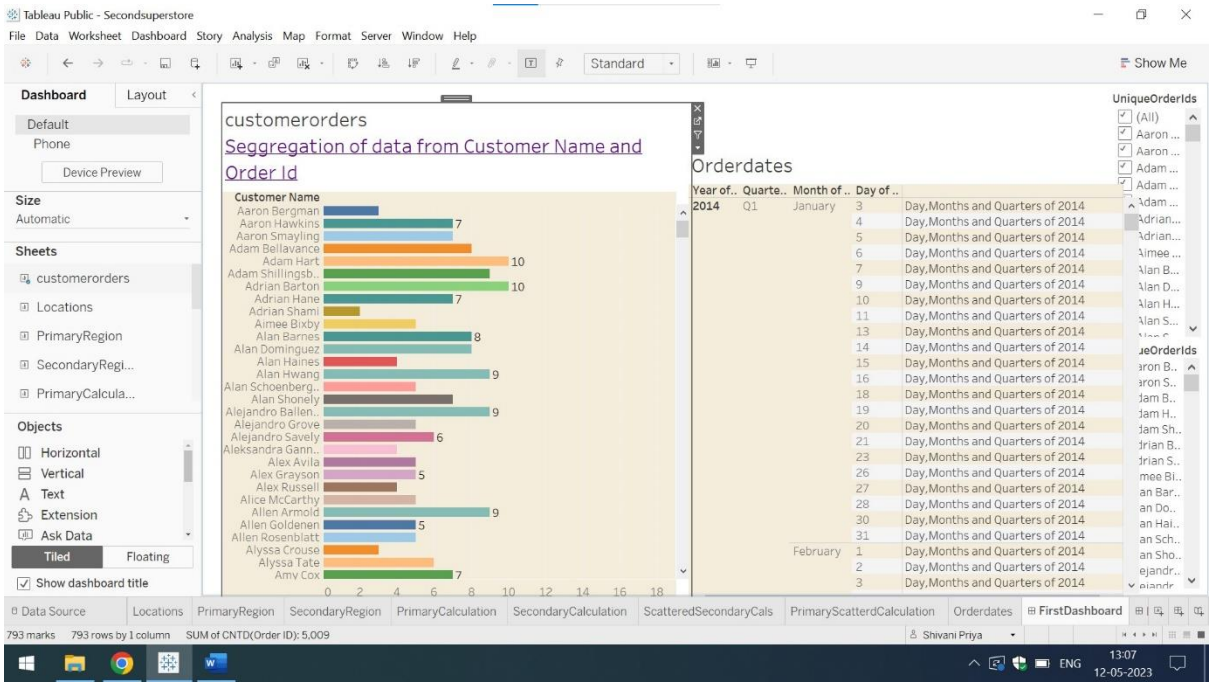
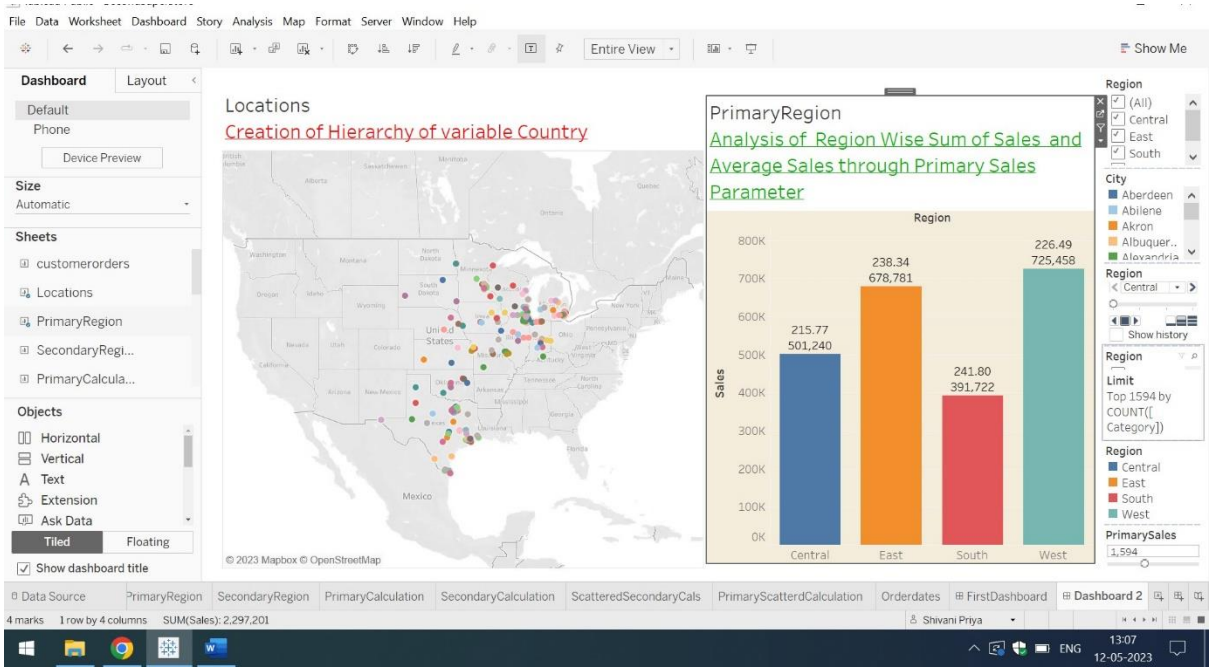
1237 marks
1237 rows by 1 column
Shivani Priya
ENG
13:00
12-05-2023



Q5) Create a dashboard.Align all sheets in a dashboard

Ans) The below attached are the screenshots of two dashboards. The first dashboard represents the customerorders and orderdates while the second dashboard represents the location and primary region sales analysis.





Q6) Partition the dashboard to display the below details of Primary Region and Secondary Region

-First Order Date

-Total Sales

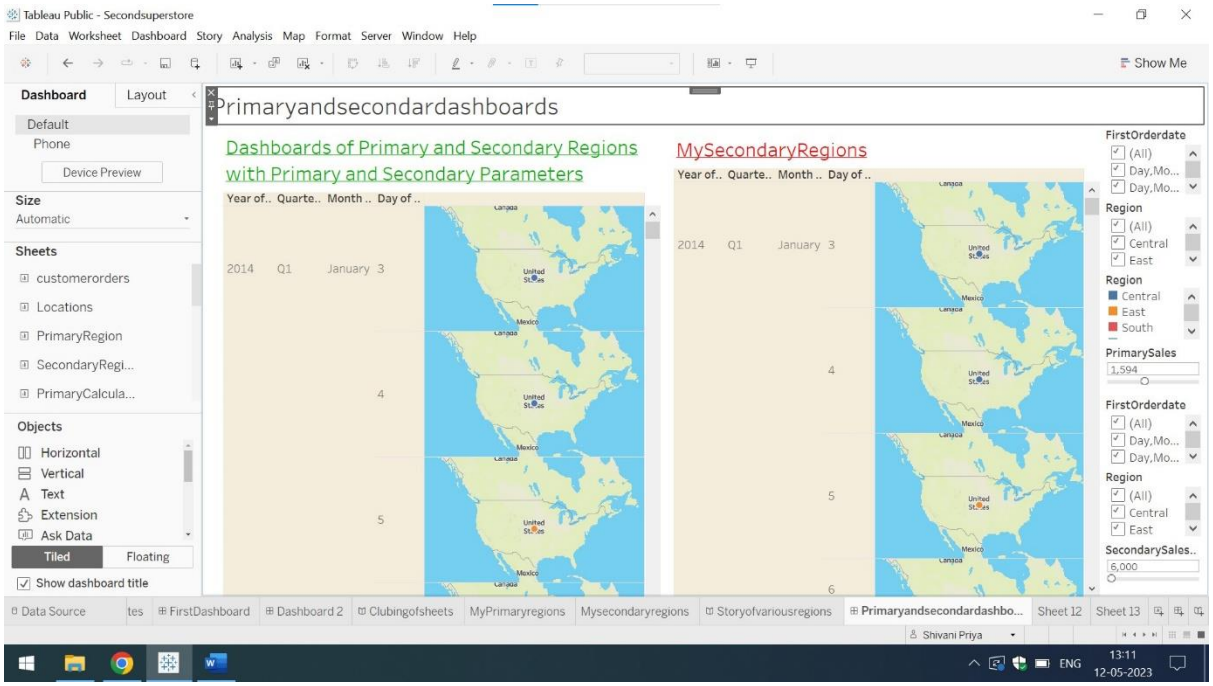
-Average Sales per Order

-No. of Customers

-No. of Orders

-No. of Products in Sale

Ans) The below attached are the screenshots of the dashboards representing the Primary and Secondary Regions are as follows:



For more detailed description of Comparison of Region based on sales,click on the below mentioned link

https://public.tableau.com/app/profile/shivani.priya8178/viz/Secondsuperstore/Primaryandsecondardashboards?publish=yes