

# Comparison of Region Based on Sales

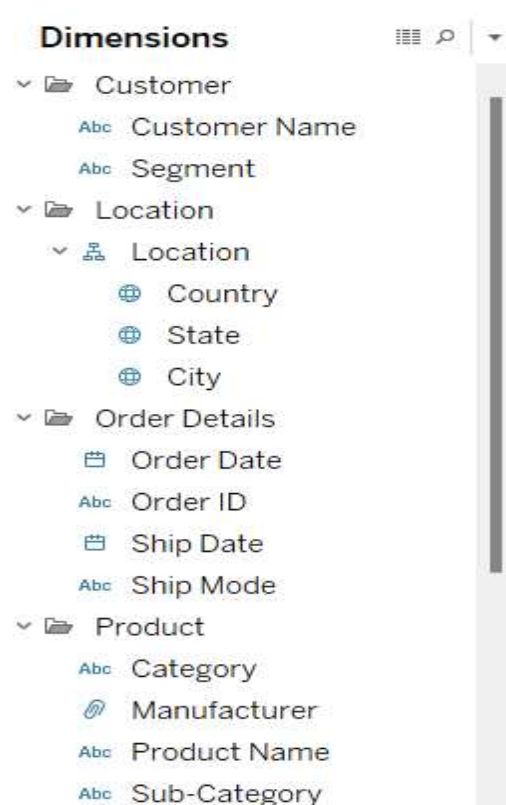
## 1. Select Sample Superstore as Dataset

Use Sample Superstore Dataset and Select Data

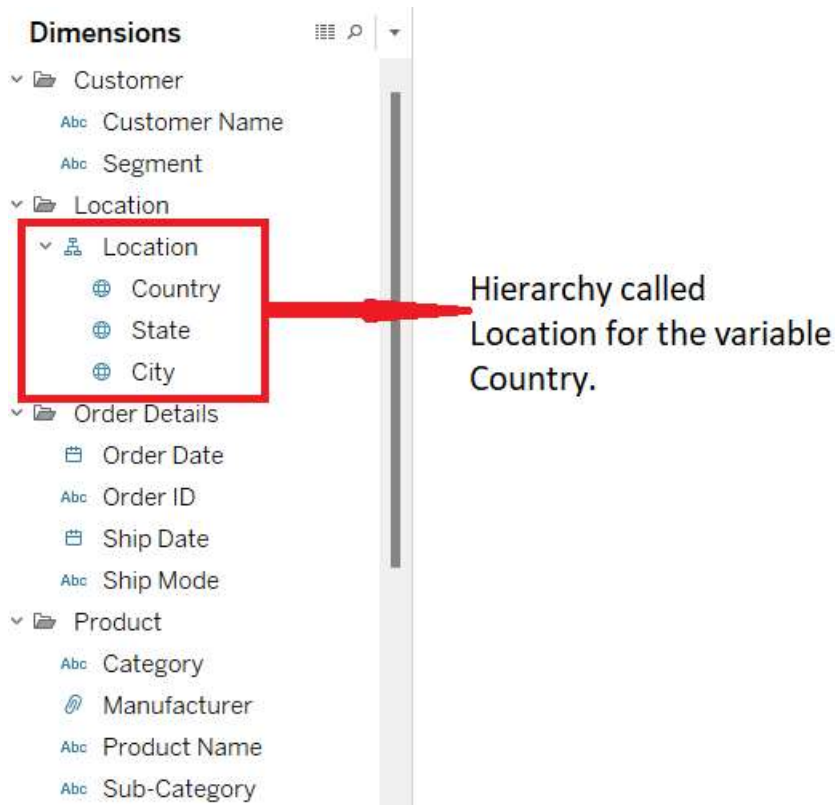
Tableau Desktop interface showing the 'Sample - Superstore' data source. The 'Orders' table is selected. The interface shows a list of fields on the left and a table view of the data on the right. The table has columns for Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, Segment, Country, City, State, and Postal Code. The first 10 rows of data are visible.

Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City	State	Postal Code
1	CA-2018-152156	08-11-2018	11-11-2018	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	Kentucky	424
2	CA-2018-152156	08-11-2018	11-11-2018	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	Kentucky	424
3	CA-2018-138688	12-06-2018	16-06-2018	Second Class	DV-13045	Darrin Van Huff	Corporate	United States	Los Angeles	California	900
4	US-2017-108966	11-10-2017	18-10-2017	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	Florida	333
5	US-2017-108966	11-10-2017	18-10-2017	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	Florida	333
6	CA-2016-115812	09-06-2016	14-06-2016	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	California	900
7	CA-2016-115812	09-06-2016	14-06-2016	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	California	900
8	CA-2016-115812	09-06-2016	14-06-2016	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	California	900
9	CA-2016-115812	09-06-2016	14-06-2016	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	California	900
10	CA-2016-115812	09-06-2016	14-06-2016	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	California	900

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 in order to organize the data thoroughly.

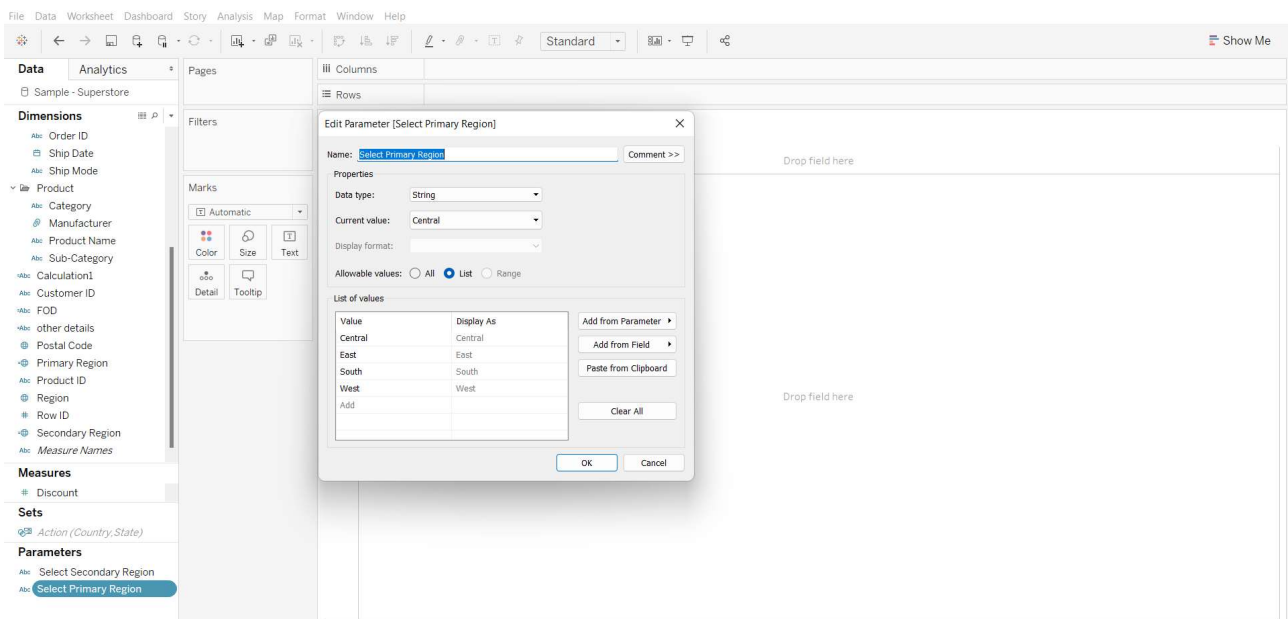


2. Create a hierarchy called Location for the variable Country.

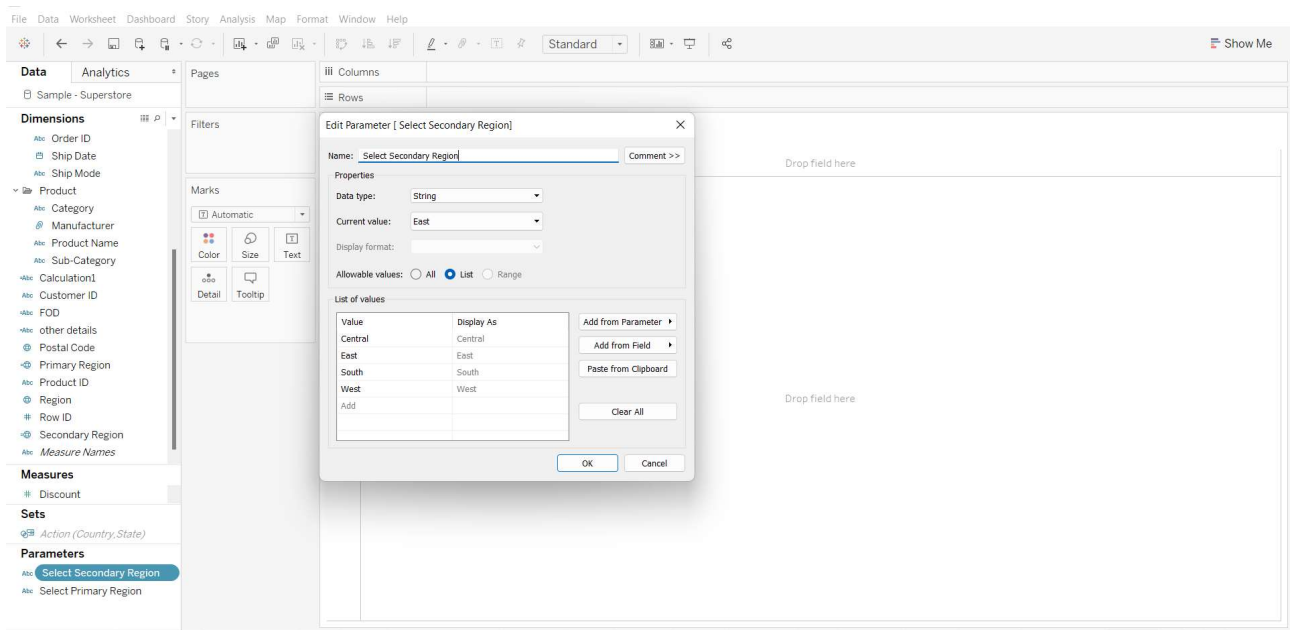


3. Create two parameters: Primary Region and Secondary Region with all regions listed in them. Here, primary and secondary region are the two regions where the sales are being compared.

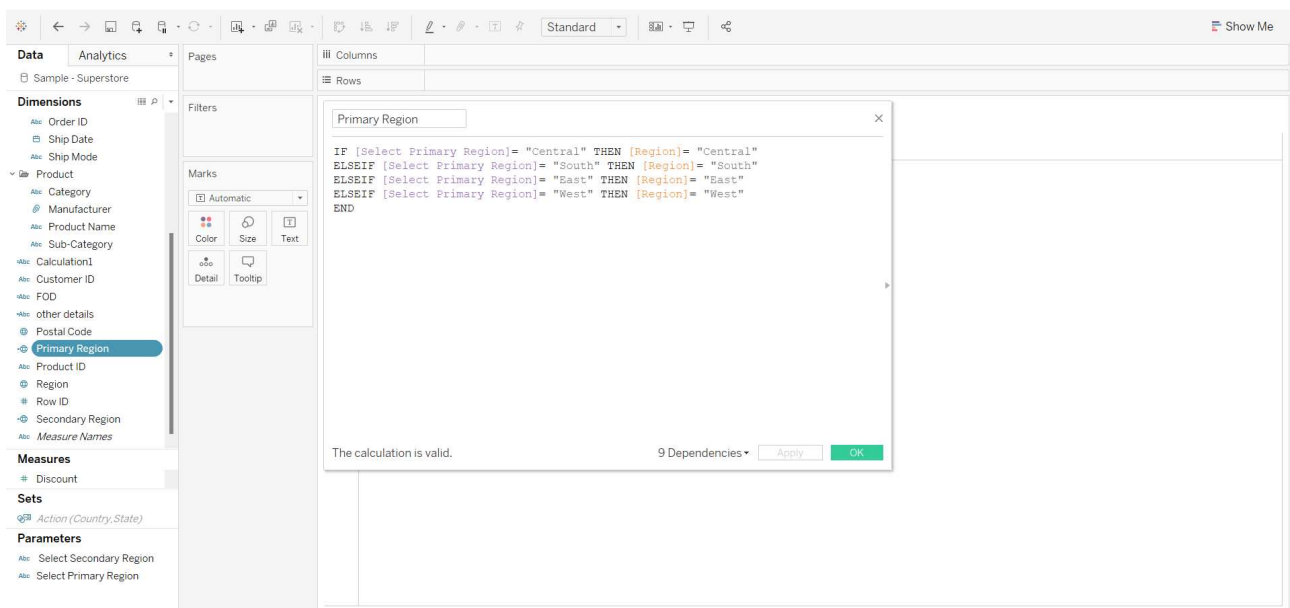
- Create Parameters for Primary Region and Secondary Region

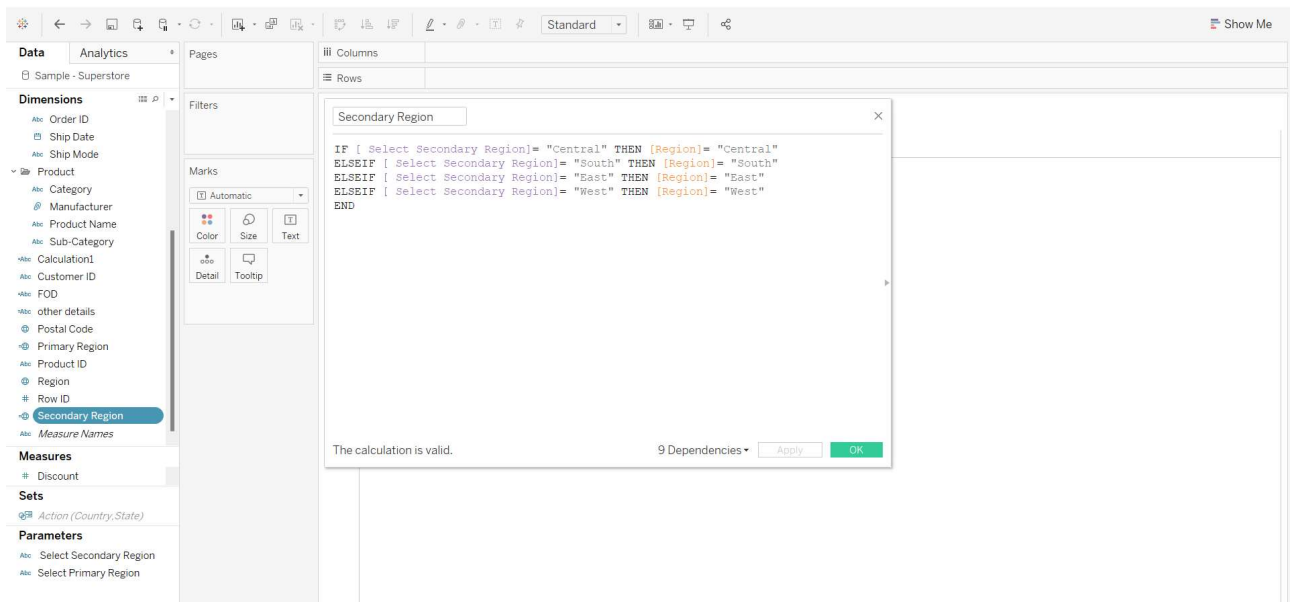


parameter for primary region



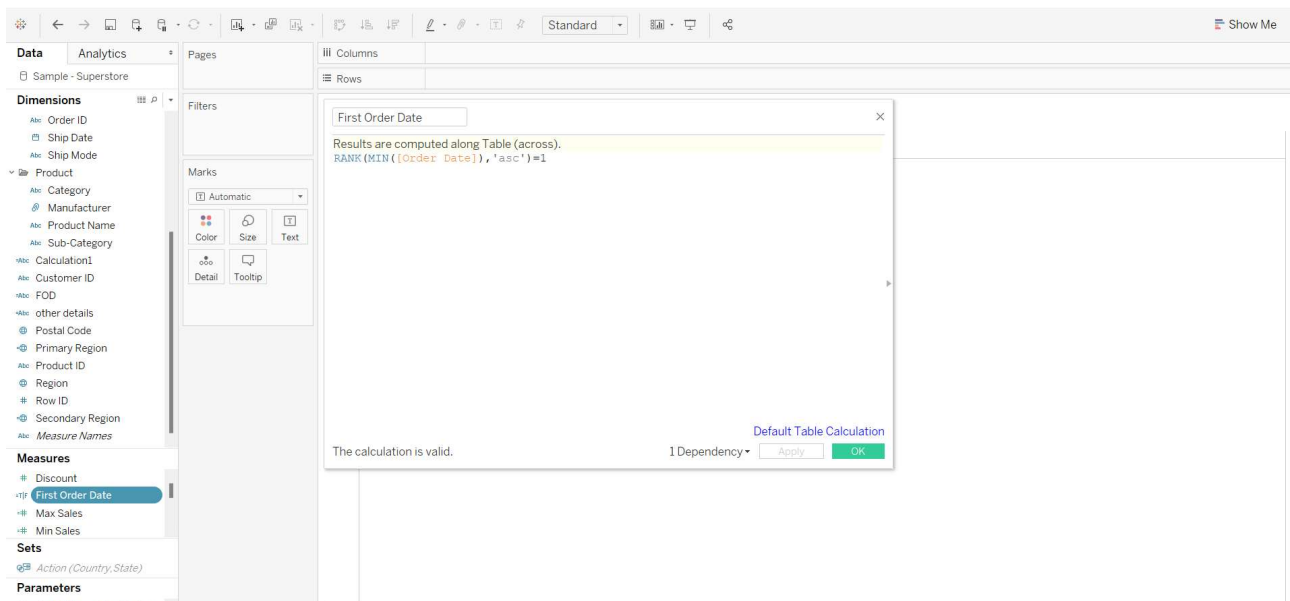
- Create a Calculated Field for both Primary Region and Secondary Region





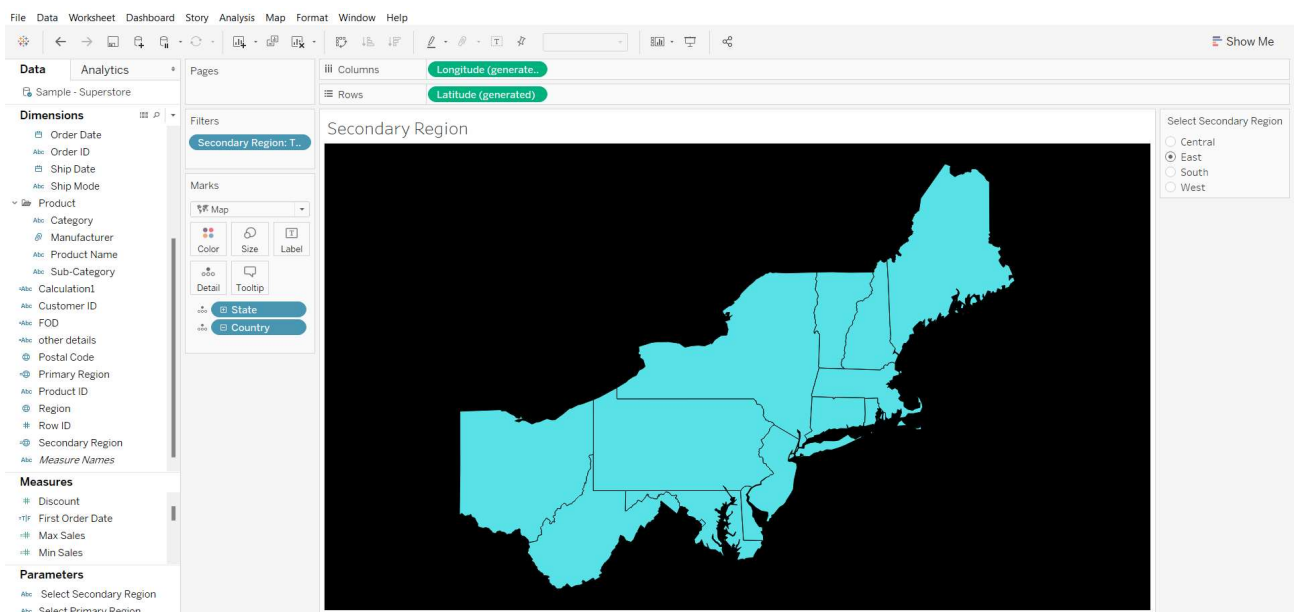
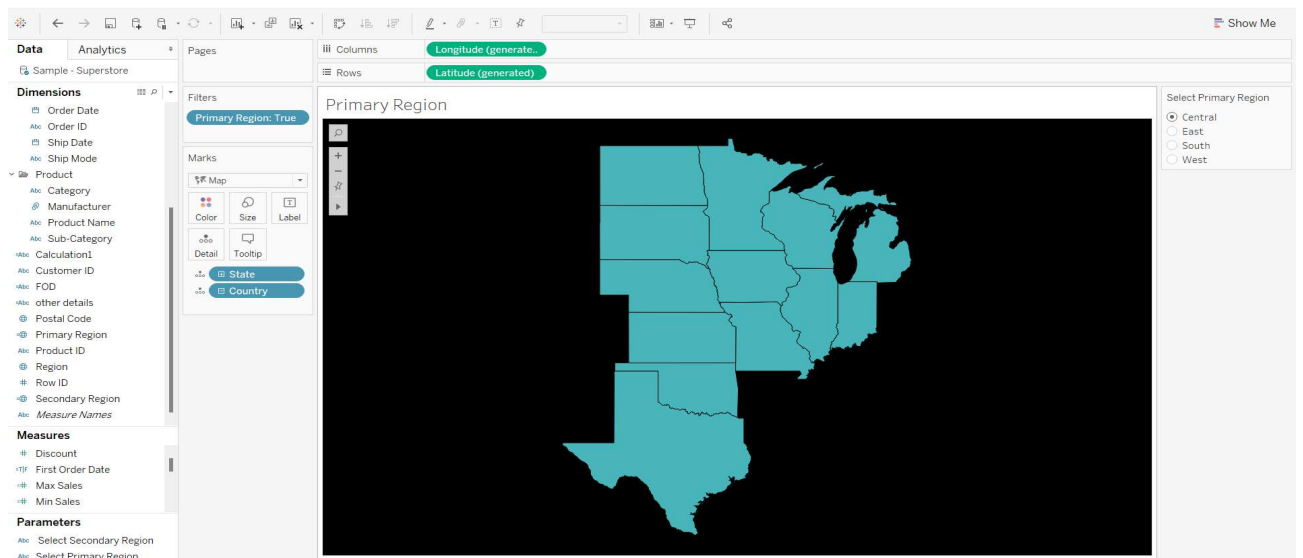
calculation for secondary region

## 4.Create a First Order Date



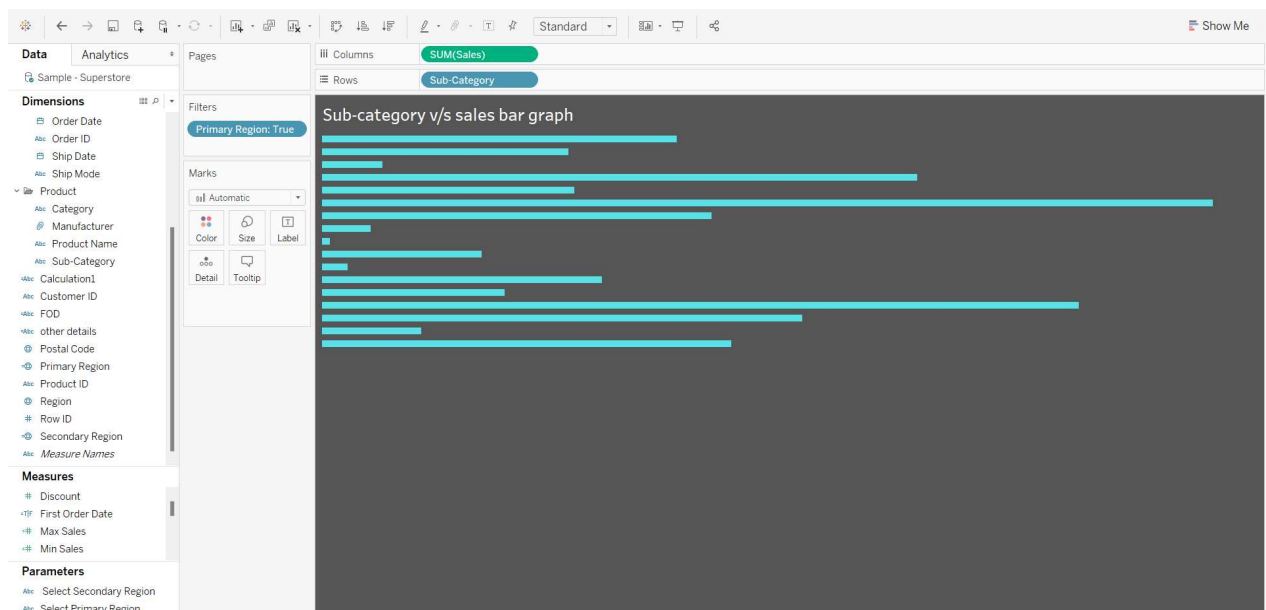
calculation for first order date

## 5.Create a dashboard



sales table

Sub-Category	Total Sales	Min Sales	Max Sales
Accessories	\$ 33,956	\$2	\$1,929
Appliances	\$ 23,582	\$0	\$2,405
Art	\$ 5,765	\$1	\$210
Binders	\$ 56,923	\$1	\$9,893
Bookcases	\$ 24,157	\$68	\$2,396
Chairs	\$ 85,231	\$27	\$3,505
Copiers	\$ 37,260	\$320	\$17,500
Envelopes	\$ 4,637	\$2	\$605
Fasteners	\$ 778	\$2	\$58
Furnishings	\$ 15,254	\$2	\$1,336
Labels	\$ 2,451	\$2	\$492
Machines	\$ 26,797	\$84	\$8,160
Paper	\$ 17,492	\$4	\$629
Phones	\$ 72,403	\$6	\$2,736
Storage	\$ 45,930	\$9	\$1,555
Supplies	\$ 9,467	\$2	\$4,164
Tables	\$ 39,155	\$67	\$2,679



## Final dashboard layout

### Sales Comparisons by Region

#### Primary Region

Central

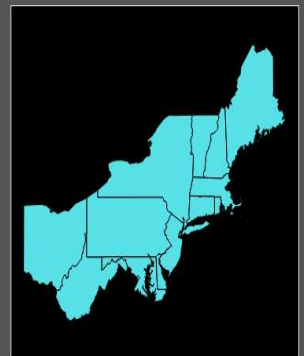
First Order Date: 1/3/2016  
 Total Sales: \$501,240  
 Average Sales Per Order: \$216  
 Number of Customers: 629  
 Number of Orders: 1,175  
 Number of Products in Sale: 1,295



#### Secondary Region

East

First Order Date: 1/5/2016  
 Total Sales: \$678,781  
 Average Sales Per Order: \$238  
 Number of Customers: 674  
 Number of Orders: 1,401  
 Number of Products in Sale: 1,415



Sub-Category	Total Sales	Min Sales	Max Sales
Accessories	\$33,956	\$2	\$1,929
Appliances	\$23,582	\$0	\$2,405
Art	\$5,765	\$1	\$210
Binders	\$56,923	\$1	\$9,893
Bookcases	\$24,157	\$68	\$2,396
Chairs	\$85,231	\$27	\$3,505
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Phones	\$72,403	\$6	\$2,736
Storage	\$45,930	\$9	\$1,555
Supplies	\$9,467	\$2	\$4,164
Tables	\$39,155	\$67	\$2,679

Sub-Category	Total Sales	Min Sales	Max Sales
Accessories	\$45,033	\$3	\$2,310
Appliances	\$34,188	\$2	\$2,625
Art	\$7,486	\$2	\$289
Binders	\$53,498	\$1	\$4,355
Bookcases	\$43,819	\$35	\$4,405
Chairs	\$96,261	\$48	\$4,416
Copiers	\$53,219	\$480	\$11,200
Envelopes	\$4,376	\$2	\$362
Fasteners	\$820	\$1	\$41
Furnishings	\$29,071	\$3	\$1,049
Labels	\$2,603	\$3	\$122
Machines	\$66,106	\$13	\$9,100
Paper	\$20,173	\$3	\$448
Phones	\$100,615	\$3	\$4,549
Storage	\$71,613	\$8	\$2,934
Supplies	\$10,760	\$3	\$4,664
Tables	\$39,140	\$27	\$2,065

