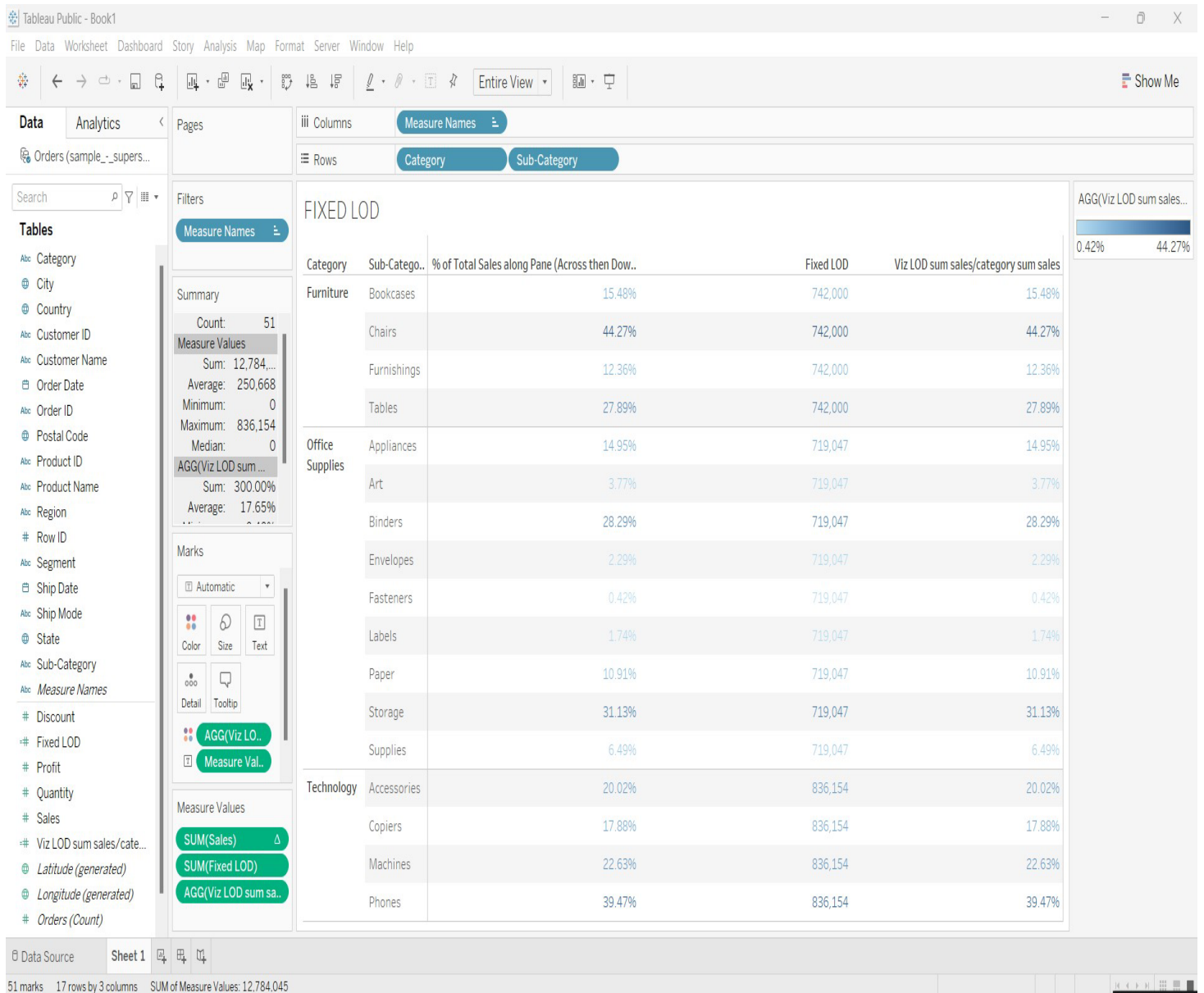


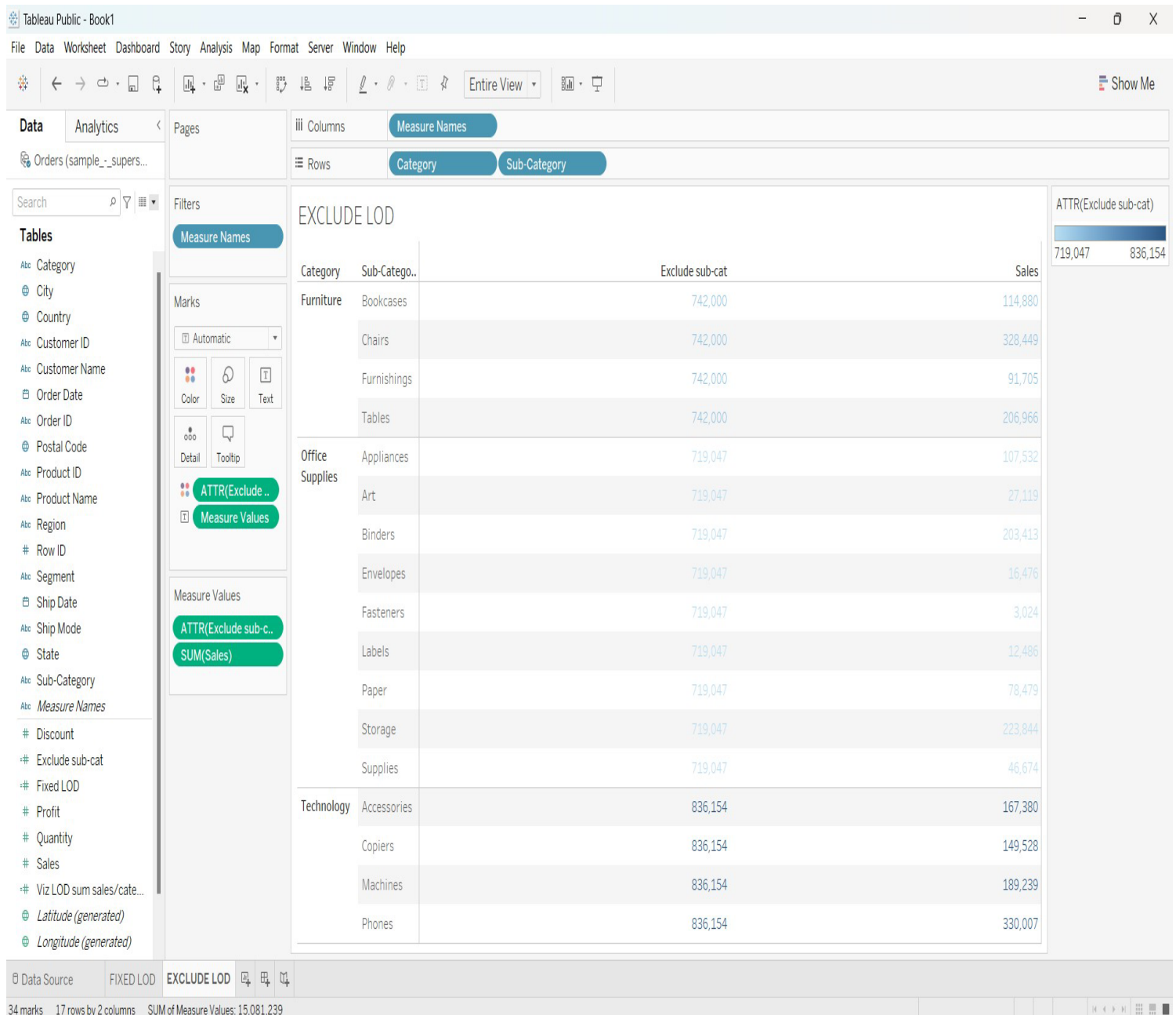
## ASSIGNMENT 4

**FIXED LOD:** FIXED level of detail (LOD) expressions are used to compute values using the specified dimensions without reference to the view level of detail.



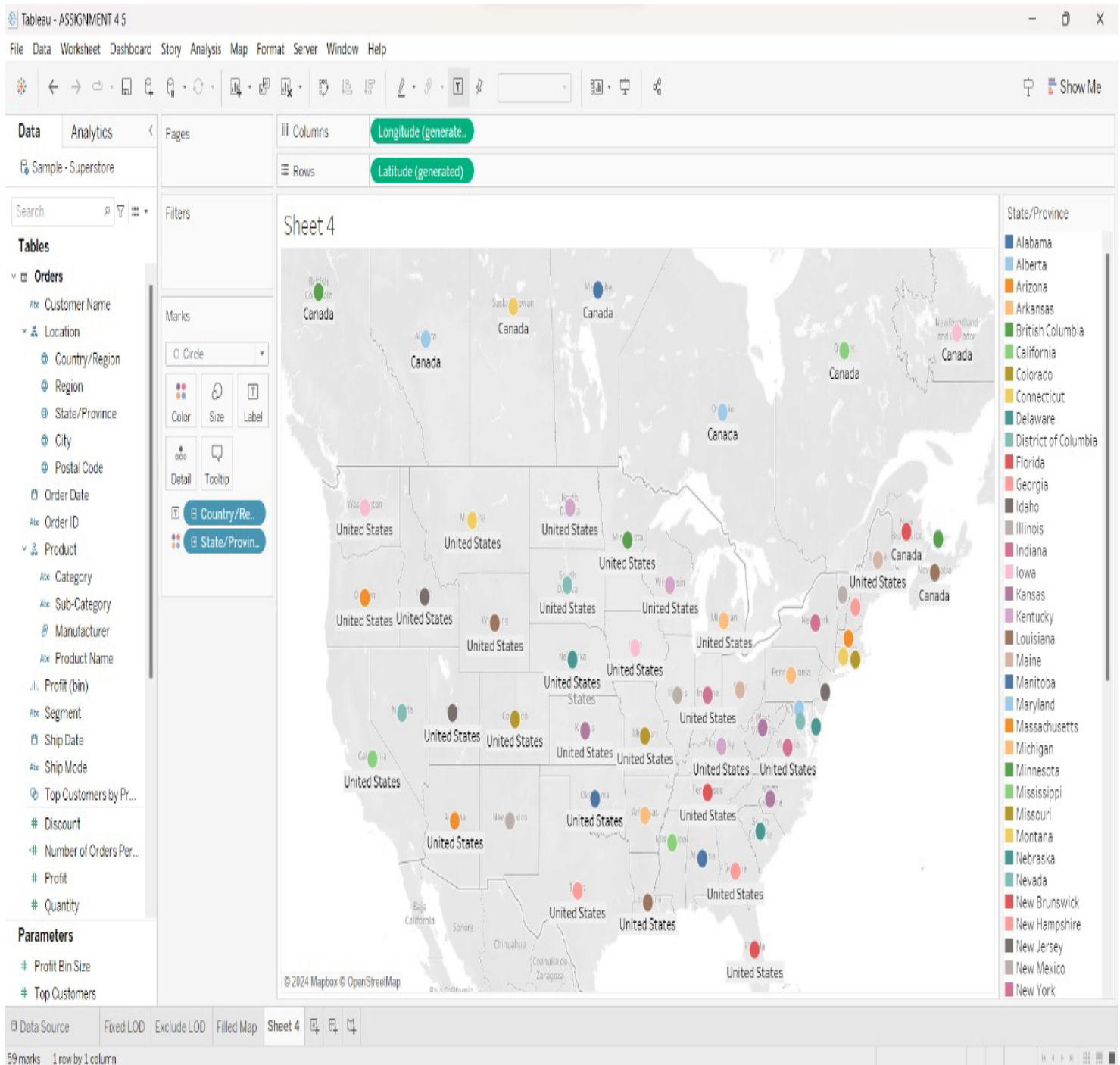
In this FIXED LOD I have put the category and subcategory in ROW and then sales in the label and then used the quick table calculation (percentage total) and then compute using (pane) and then created a new calculation field with formula called `{FIXED CATEGORY: SUM([SALES])}` and then applied and kept that in the table.

**EXCLUDE LOD:** EXCLUDE LOD expressions remove some of the detail from the view for the purposes of the calculation.



In this EXCLUDE I have put the category and subcategory in ROW and then sales in the label and then used the quick table calculation (percentage total) and then compute using(pane) and then created a new calculation field with formula called {EXCLUDE [(SUB-CATEGORY)]: SUM([SALES])} and then applied and kept that in the table.

**MAPS USING GEOGRAPHICAL DATA:** The work of a map is to illustrate specific and detailed features of a particular area, most frequently used to illustrate geography.

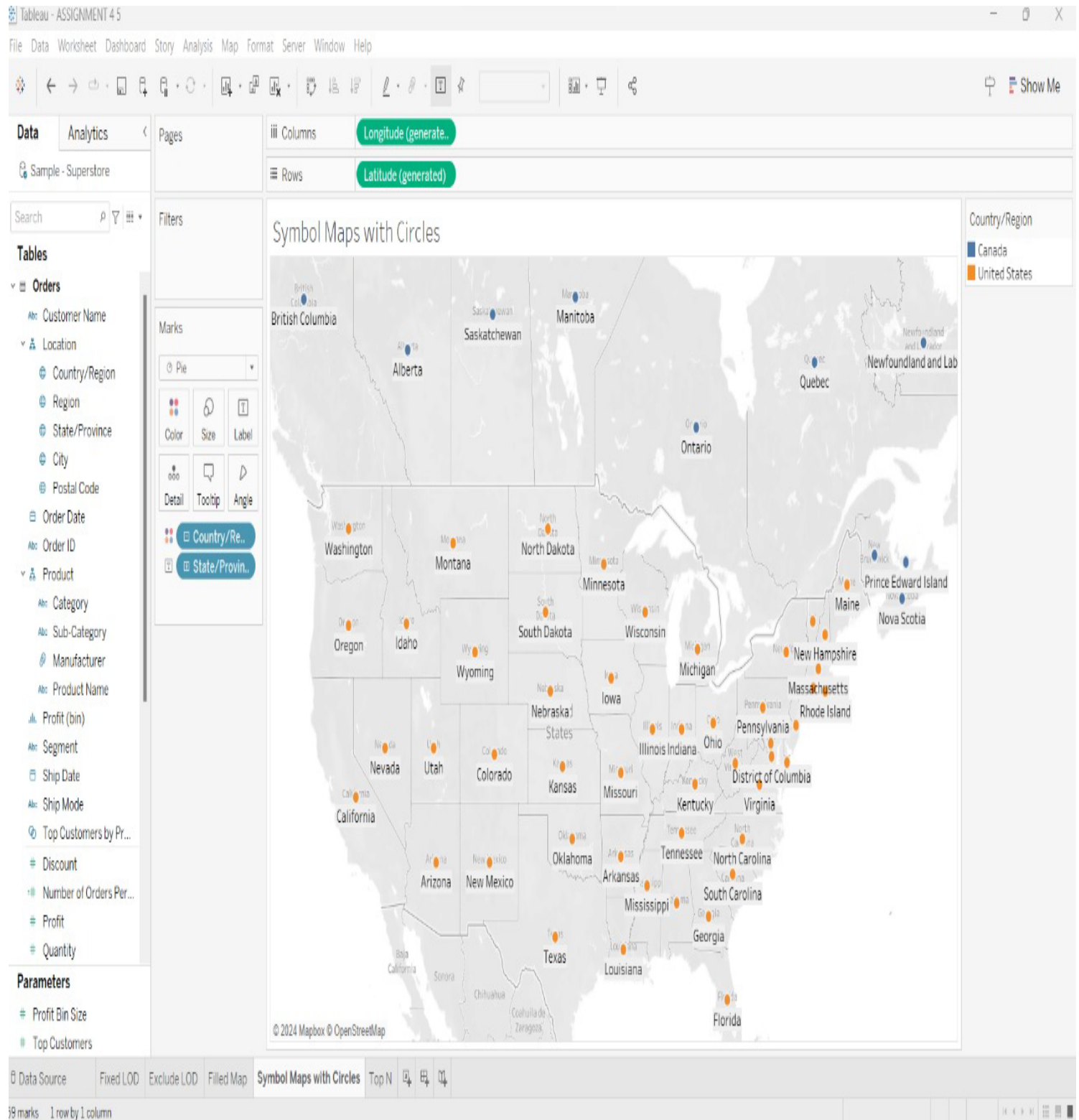


In this MAP I have used longitudes in column and latitudes in rows and country in label and state in colours.



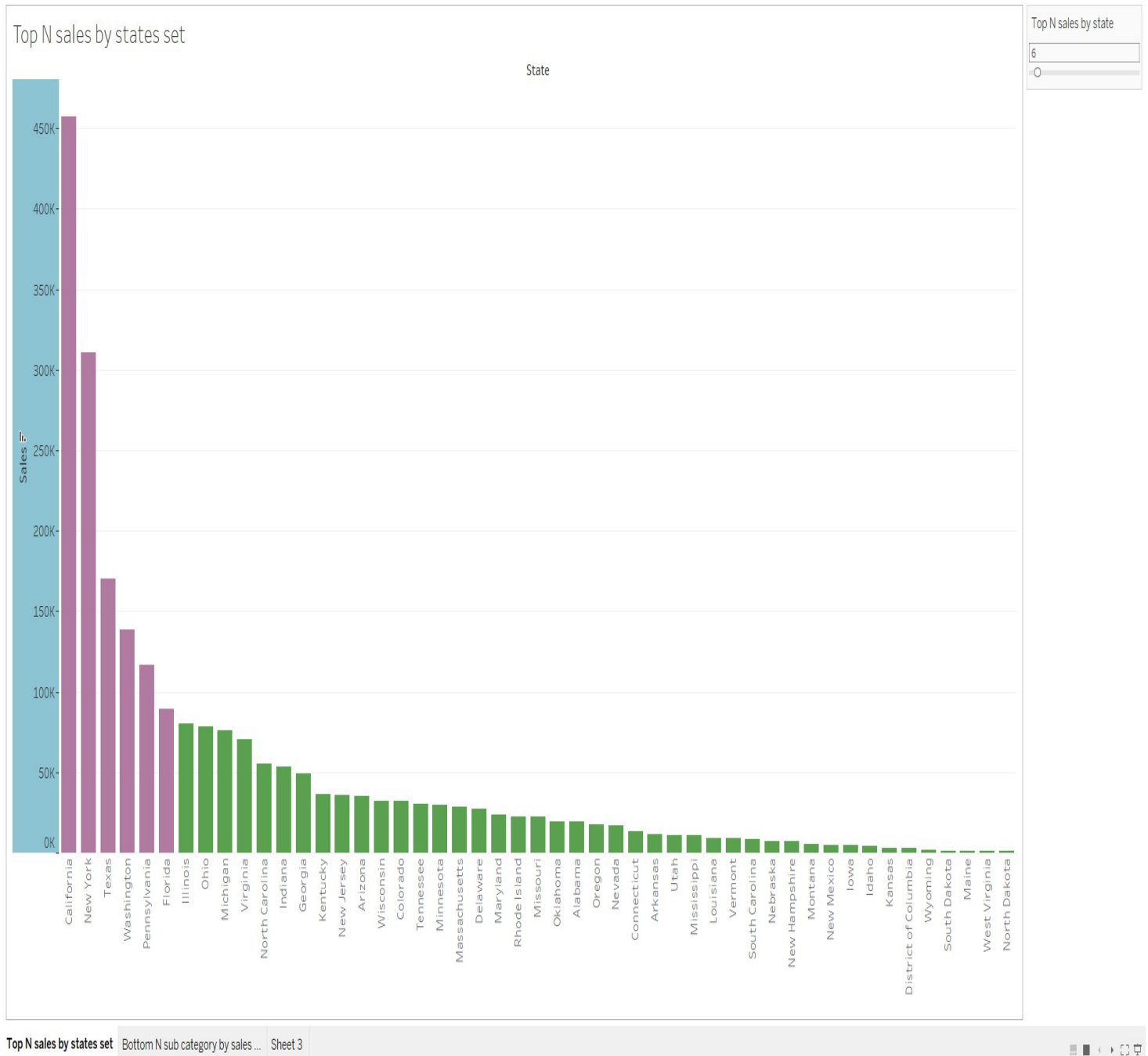
Edit with WPS Office

**MAP 2:** In this MAP I have used longitudes in column and latitudes in rows and country in label and state in colours.



Edit with WPS Office

**TOP N PARAMETER:** TOP N retrieves the top N items from a table after sorting -- them by the result of the third argument. -- Multiple sorting criteria can be provided in further parameters.

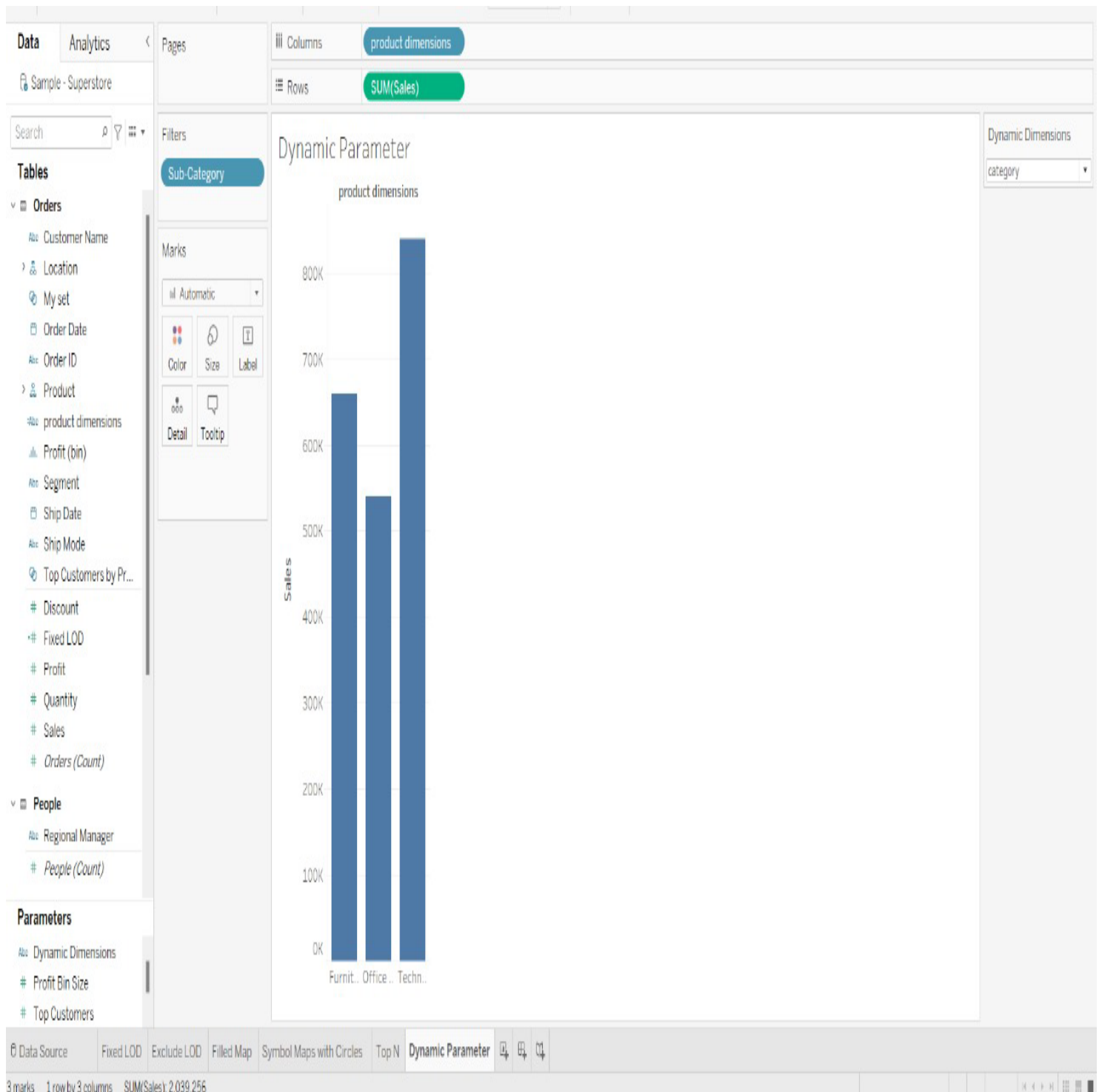


The TOP N PARAMETER represents the Top N values by using the sales and sub category according to our choice we can customize the top n values here I have used the top(6) sales by state.





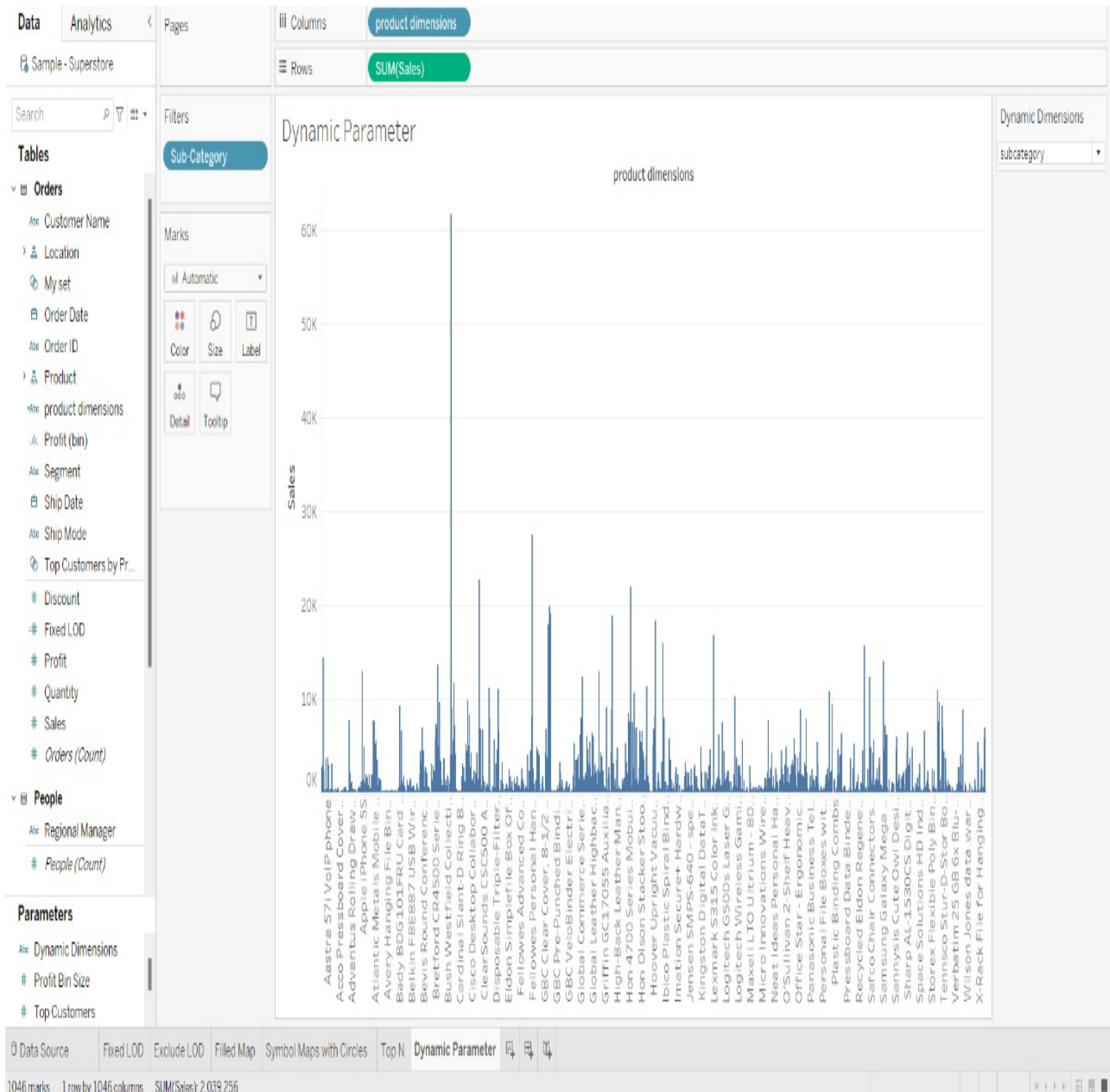
## DYNAMIC DIMENSIONS: category



In this DYNAMIC PARAMETER I have used the sales in rows and then created a new calculation field and parameter(string) and category, sub category added in that list to show dynamic dimensions.



## DYNAMIC DIMENSION: Sub Category



In this DYNAMIC PARAMETER I have used the sales in rows and then created a new calculation field and parameter(string) and category, sub category added in that list to show dynamic dimensions.

