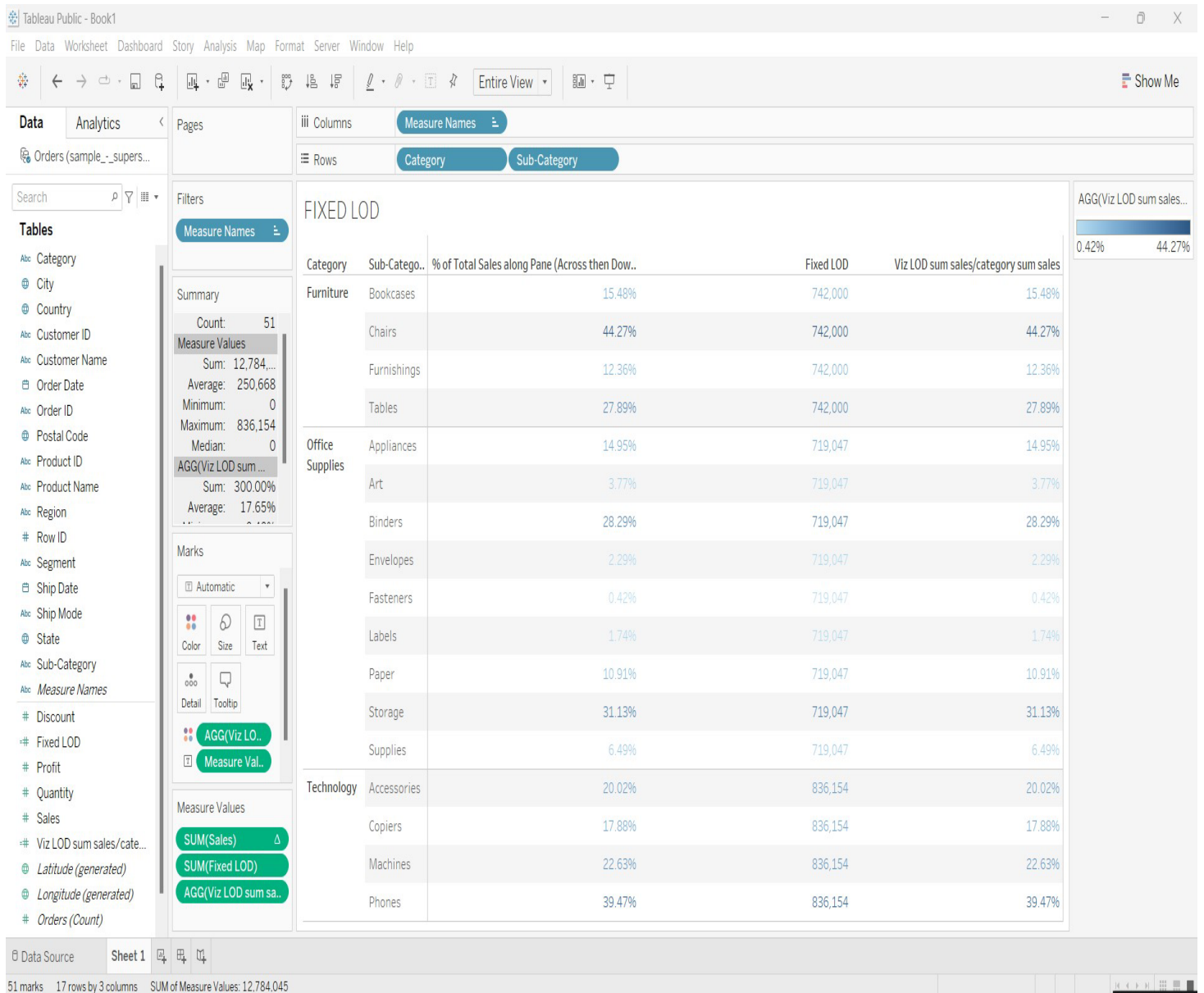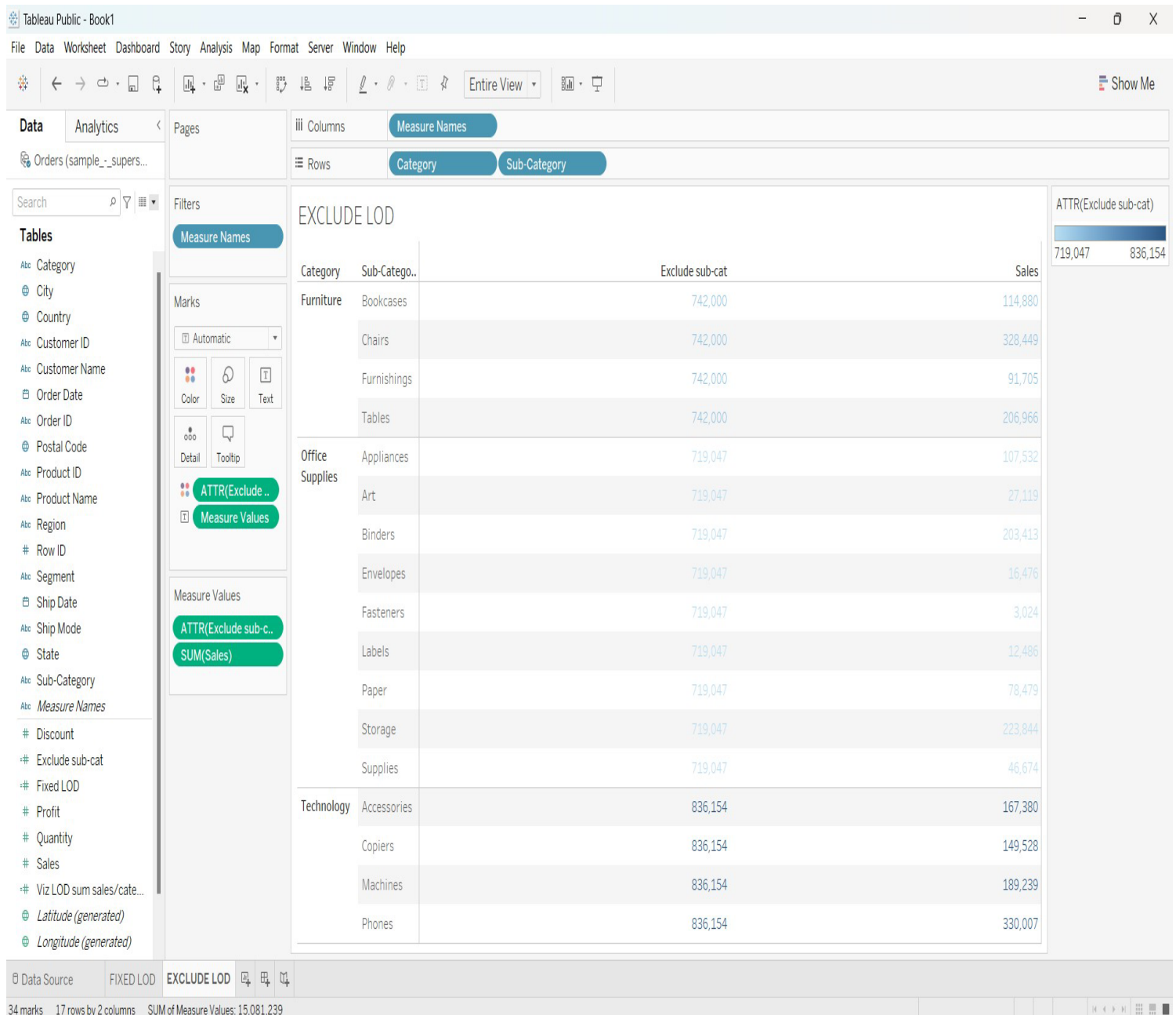# ASSIGNMENT 4

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**.
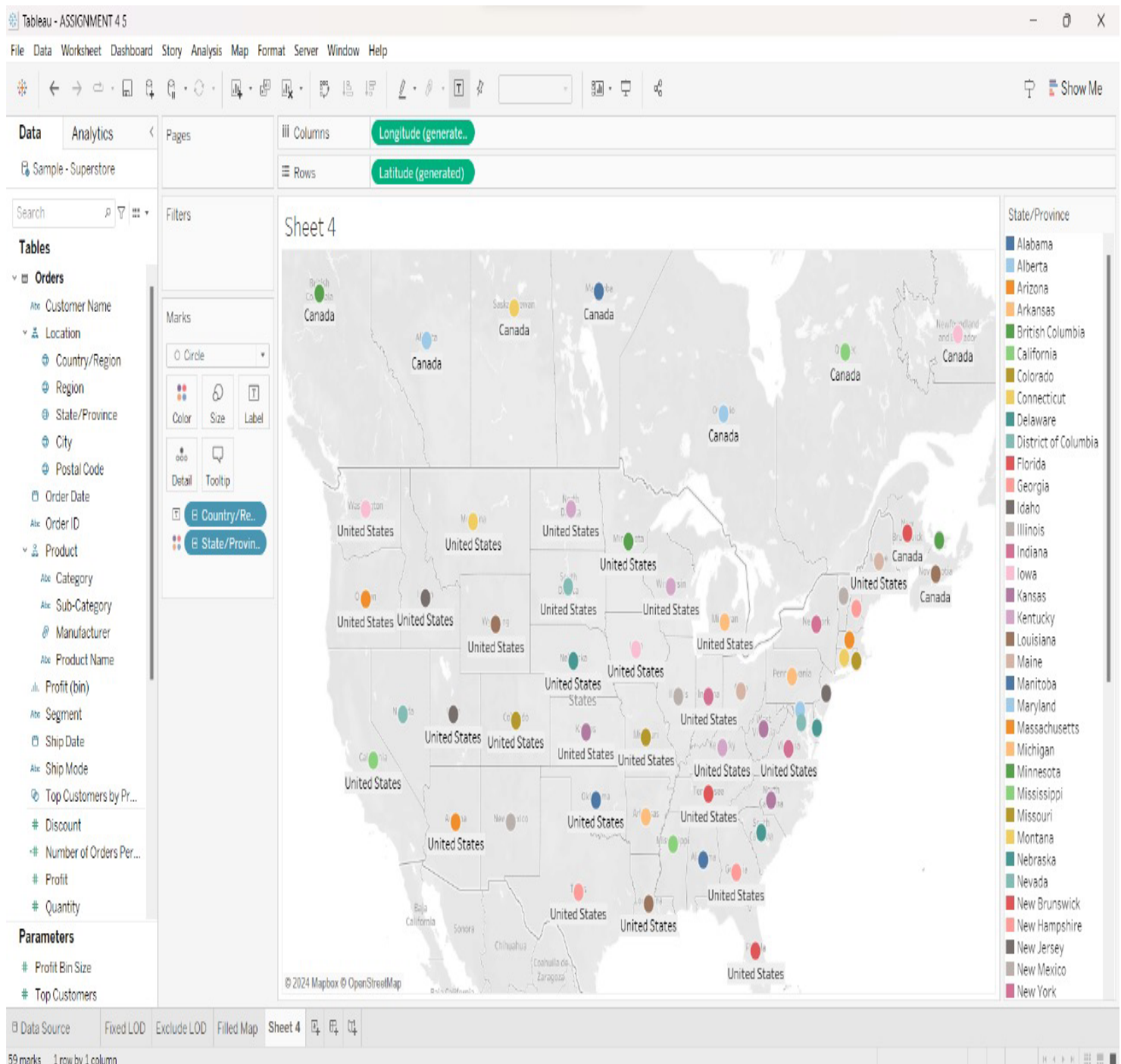

In this FIXED LOD I have put the category and subcategory in ROW and then sales in the label and then used the quick table calculation (percentage total) and then compute using(pane) and then created a new calculation field with formula called {FIXED CATEGORY: SUM[(SALES)]} and then applied and kept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

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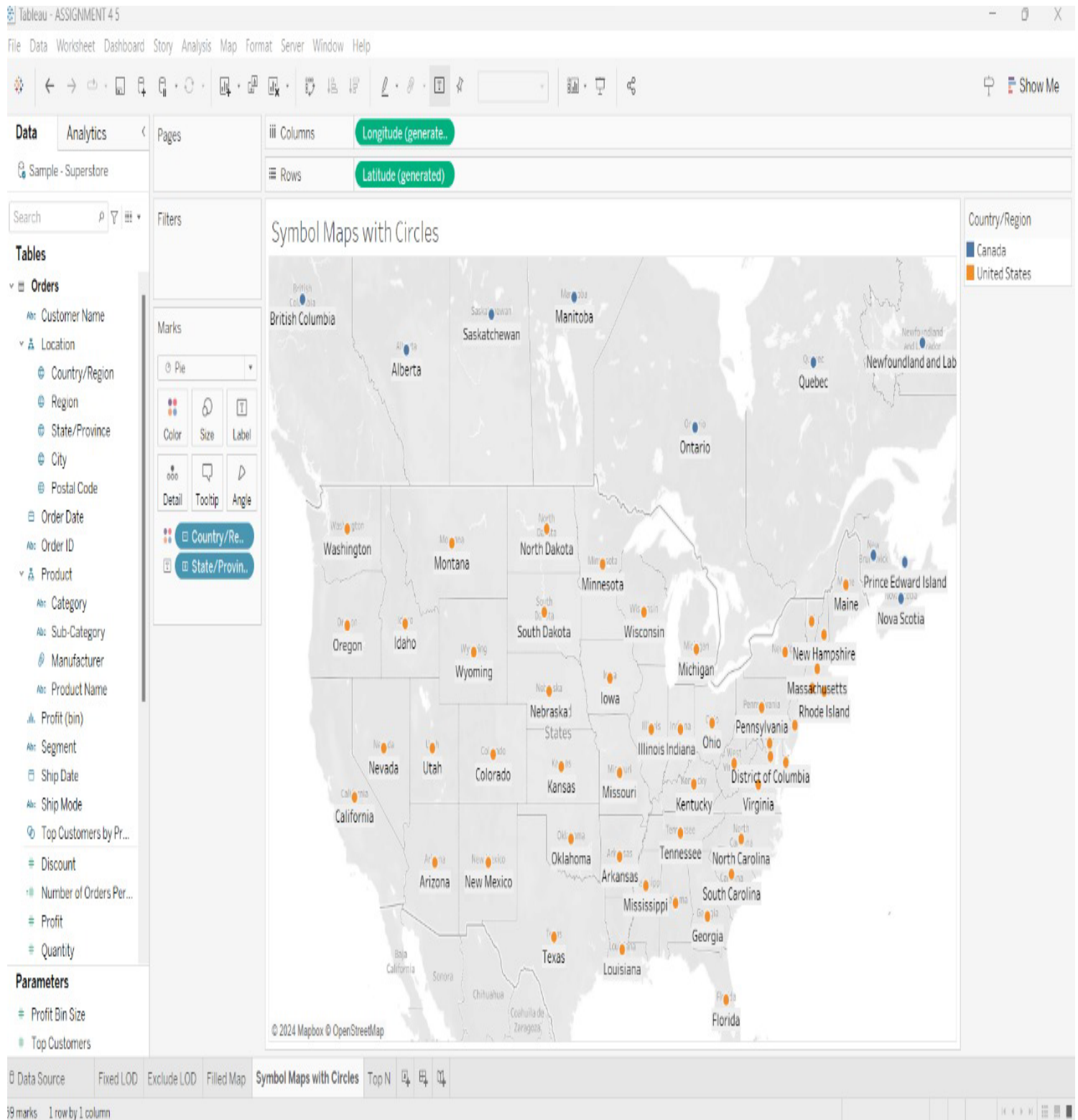

In this EXCLUDE I have put the category and subcategory in ROW and then sales in the label and then used the quick table calculation (percentage total) and then compute using(pane) and then created a new calculation field with formula called {EXCLUDE [(SUB-CATEGORY)]: SUM[(SALES)]} and then applied and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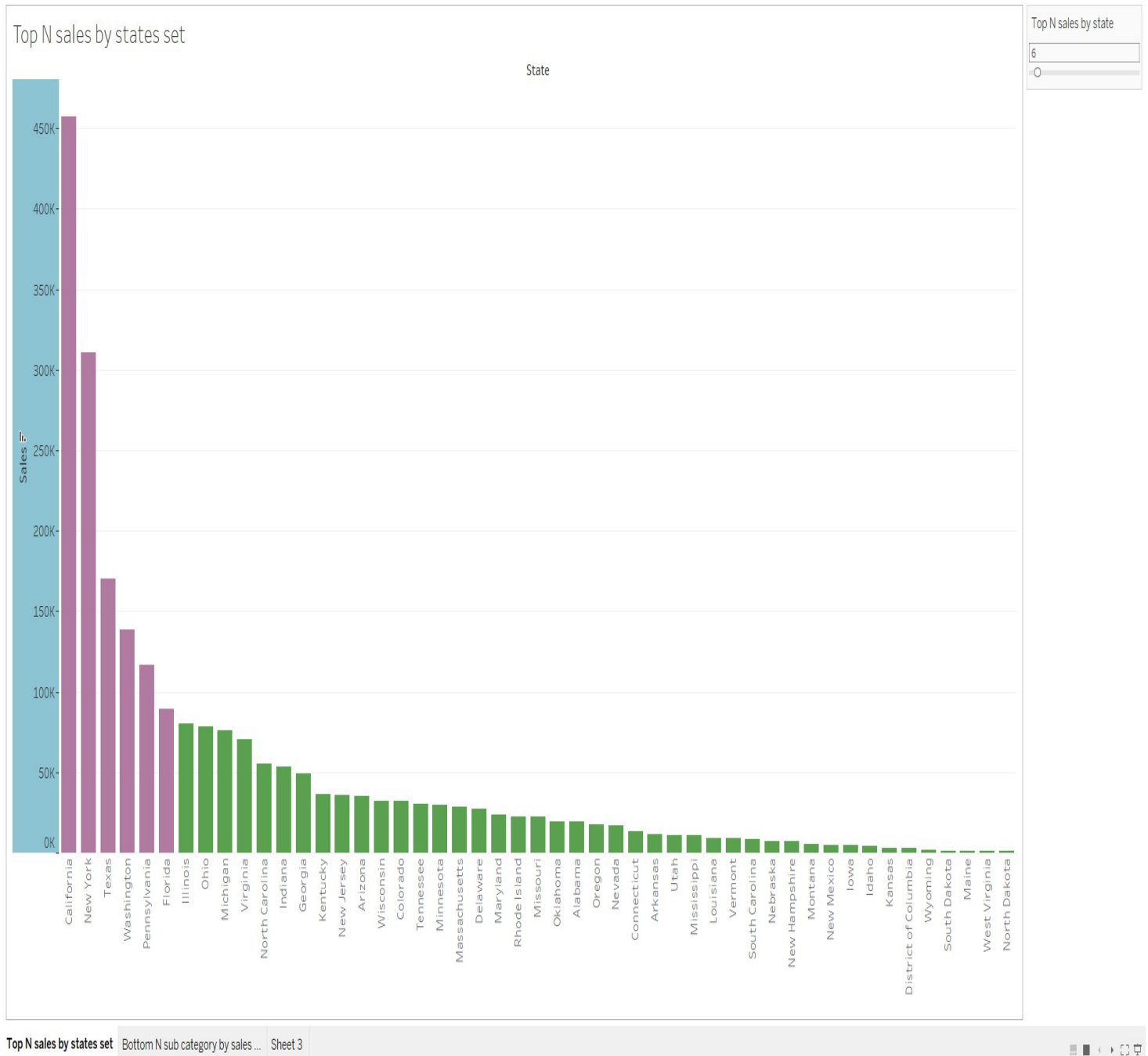

In this MAP I have used longitudes in column and latitudes in rows and country in label and state in colours.

MAP 2: In this MAP I have used longitudes in column and latitudes in rows and country in label and state in colours.
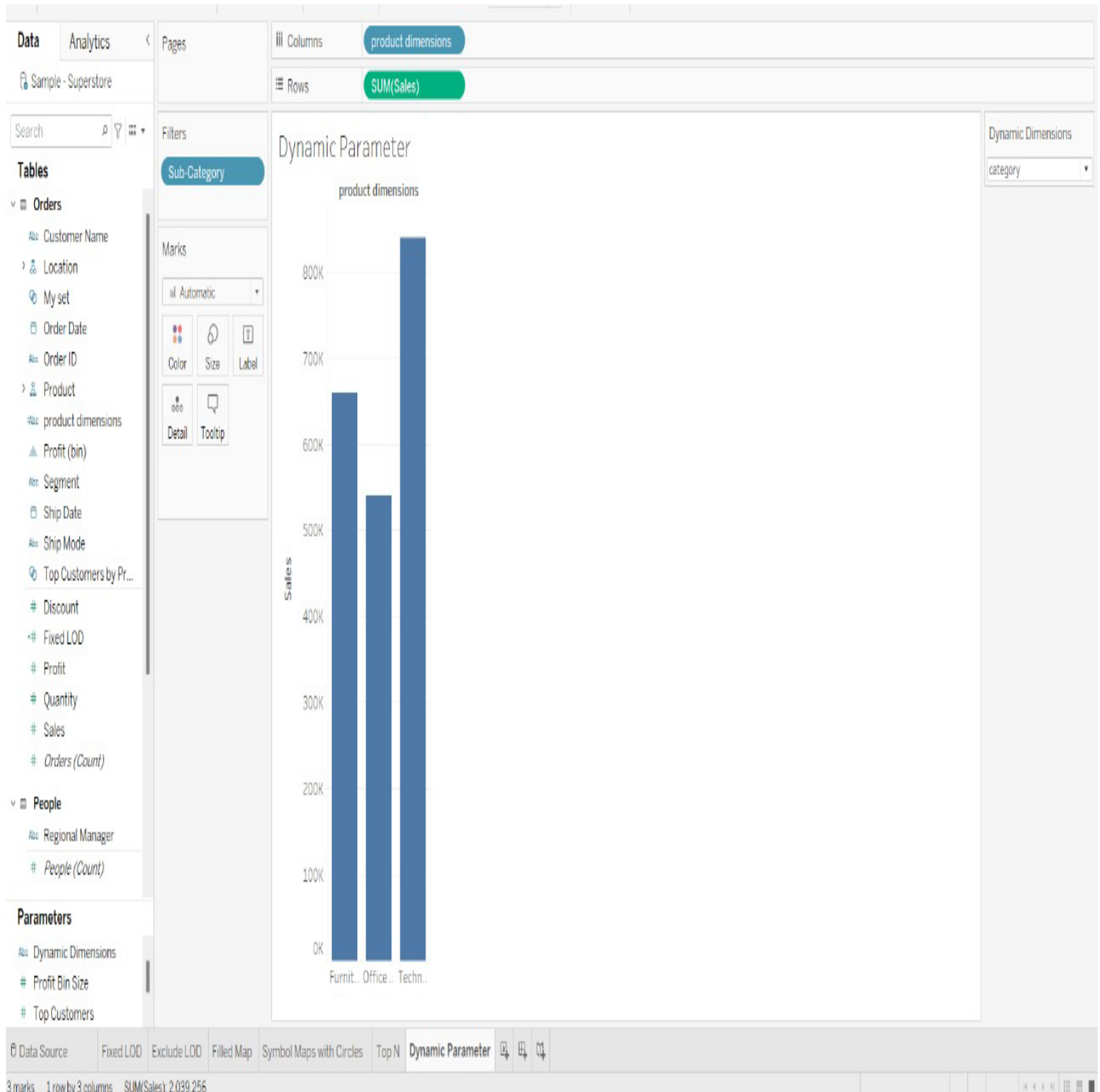
TOP N PARAMETER: TOP N **retrieves the top N items from a table after sorting** -- them by the result of the third argument. -- Multiple sorting criteria can be provided in further parameters.

Top N sales by states set

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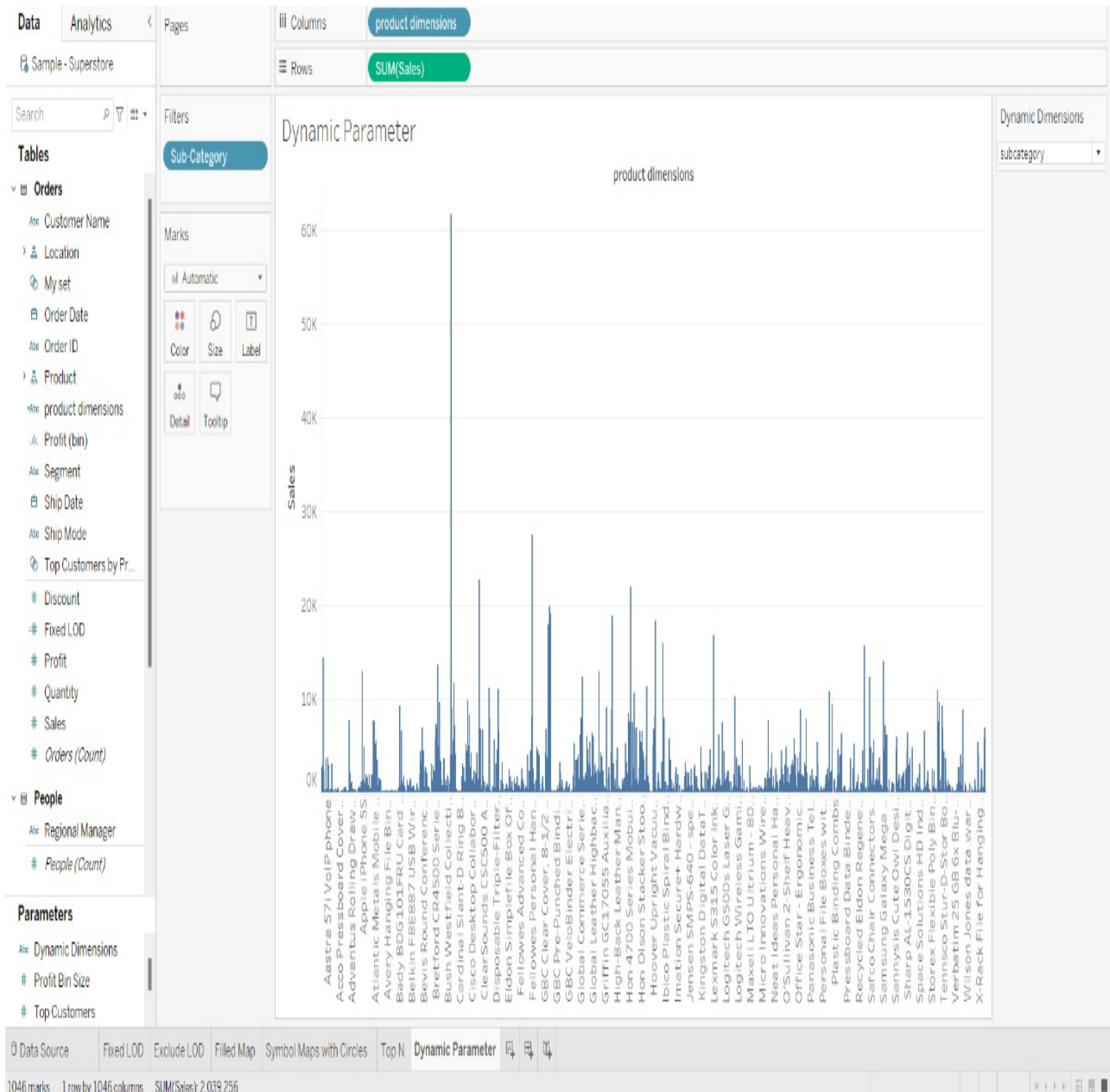
In this DYNAMIC PARAMETER I have used the sales in rows and then created a new calculation field and parameter(string) and category, sub category added in that list to show dynamic dimensions.

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.