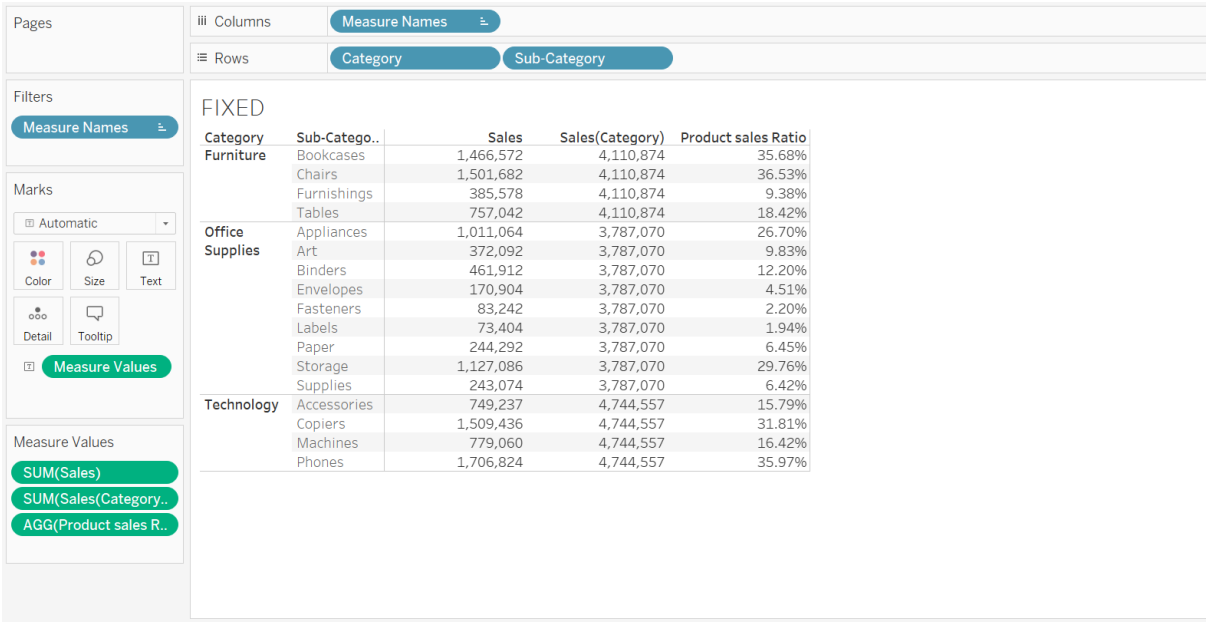
ASSIGNMENT-4

- FIXED LOD EXPRESSION



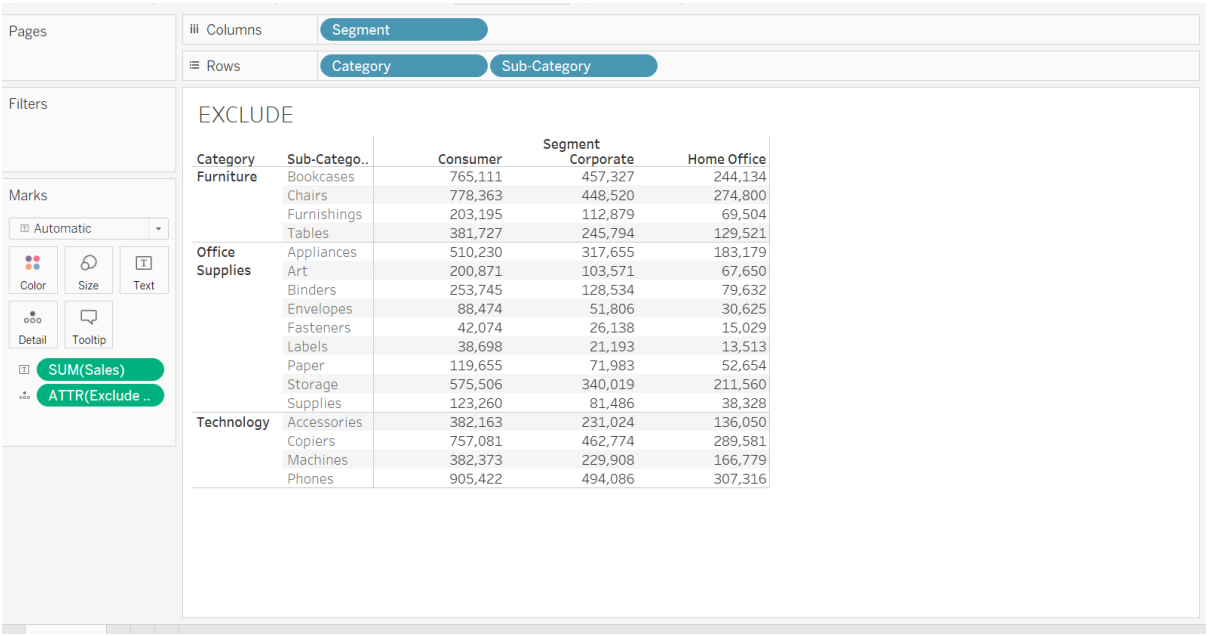
FIXED

Category	Sub-Catego..	Sales	Sales(Category)	Product sales Ratio
Furniture	Bookcases	1,466,572	4,110,874	35.68%
	Chairs	1,501,682	4,110,874	36.53%
	Furnishings	385,578	4,110,874	9.38%
	Tables	757,042	4,110,874	18.42%
Office Supplies	Appliances	1,011,064	3,787,070	26.70%
	Art	372,092	3,787,070	9.83%
	Binders	461,912	3,787,070	12.20%
	Envelopes	170,904	3,787,070	4.51%
	Fasteners	83,242	3,787,070	2.20%
	Labels	73,404	3,787,070	1.94%
	Paper	244,292	3,787,070	6.45%
	Storage	1,127,086	3,787,070	29.76%
	Supplies	243,074	3,787,070	6.42%
Technology	Accessories	749,237	4,744,557	15.79%
	Copiers	1,509,436	4,744,557	31.81%
	Machines	779,060	4,744,557	16.42%
	Phones	1,706,824	4,744,557	35.97%

Fixed LOD expression is a type of calculation in Tableau that allows you to set the granularity of a measure based on specific dimensions.

Syntax: { FIXED [Categories] : SUM ([Sales]) }

- EXCLUDE LOD EXPRESSION



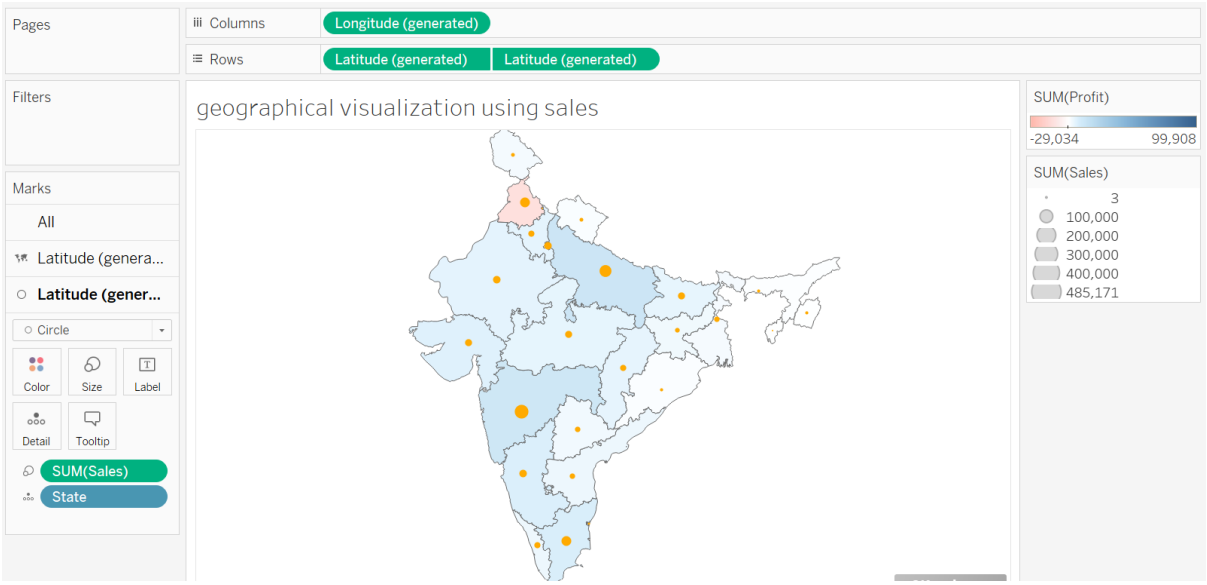
EXCLUDE

Category	Sub-Catego..	Segment Consumer	Segment Corporate	Segment Home Office
Furniture	Bookcases	765,111	457,327	244,134
	Chairs	778,363	448,520	274,800
	Furnishings	203,195	112,879	69,504
	Tables	381,727	245,794	129,521
Office Supplies	Appliances	510,230	317,655	183,179
	Art	200,871	103,571	67,650
	Binders	253,745	128,534	79,632
	Envelopes	88,474	51,806	30,625
	Fasteners	42,074	26,138	15,029
	Labels	38,698	21,193	13,513
	Paper	119,655	71,983	52,654
	Storage	575,506	340,019	211,560
	Supplies	123,260	81,486	38,328
Technology	Accessories	382,163	231,024	136,050
	Copiers	757,081	462,774	289,581
	Machines	382,373	229,908	166,779
	Phones	905,422	494,086	307,316

EXCLUDE Level of Detail Expressions explicitly Remove dimensions from the expression (they Subtract dimensions from the view level of detail and are also useful for eliminating a dimension in the view.

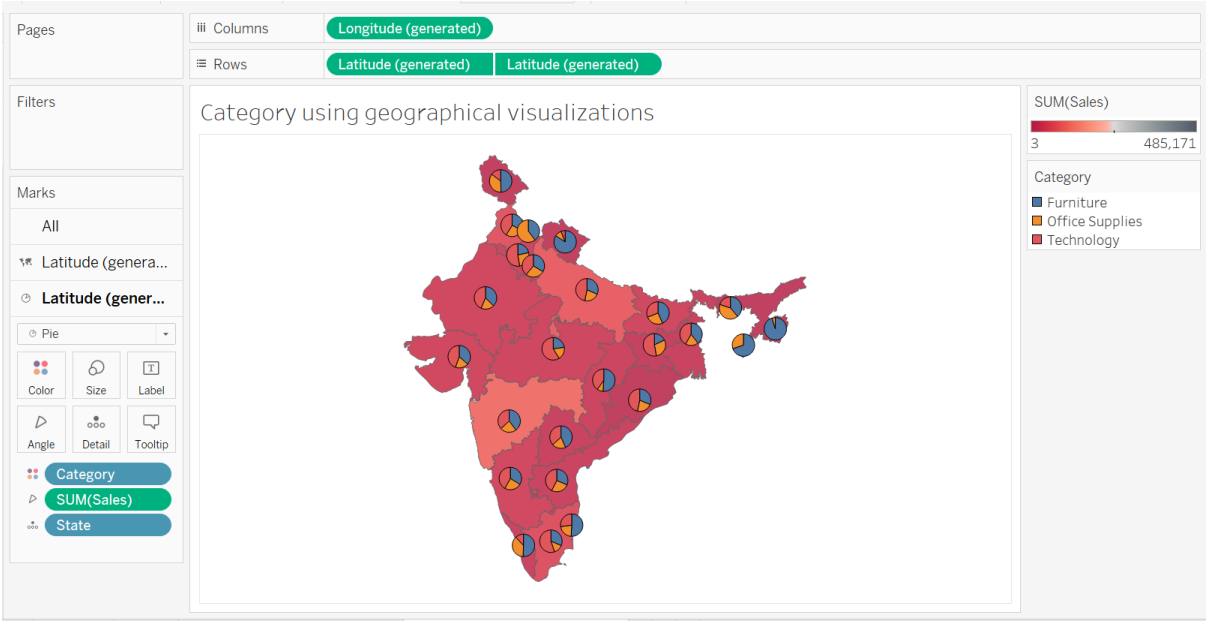
- Here, I created an EXCLUDE syntax: (EXCLUDE [Category] [Sub-Category] : SUM ([Sales]) }

3. Geographical Visualizations



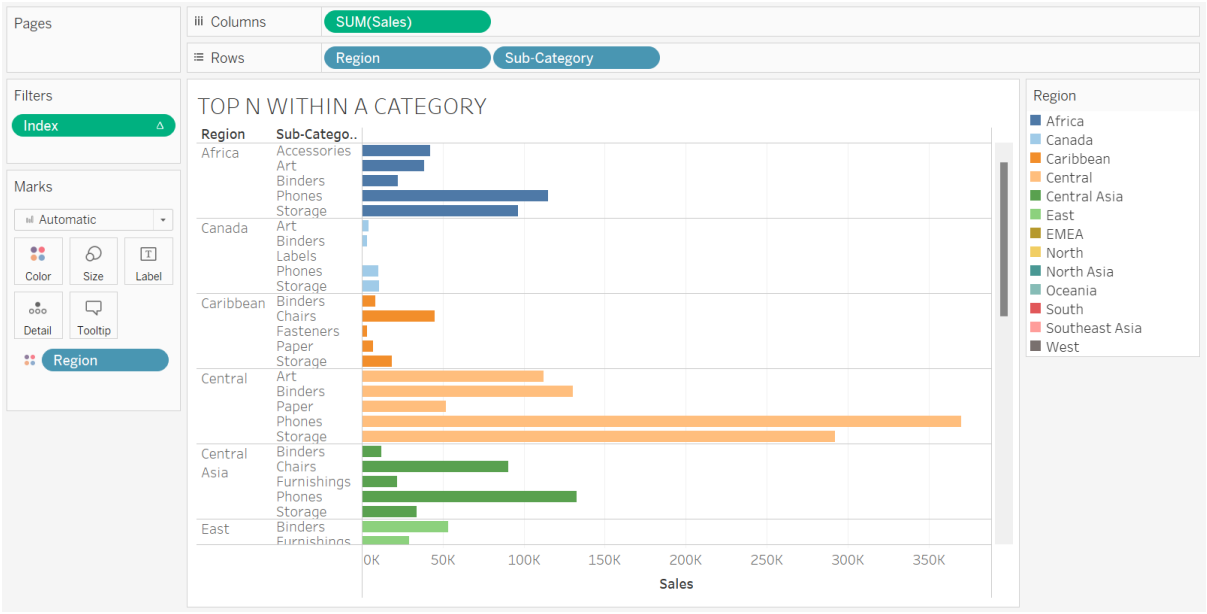
Geographical visualizations (I created a simple map which we can see in the visualizations and the dots in the map tell and know about the sales and profit of each state in the above visualization)

- Geographical Visualization using a category



Here, I created another map using a geographical Visualization which we can see in the above visualization, in this map I used a category and Sales, and also we can see the pies which show us each category and sales of each state.

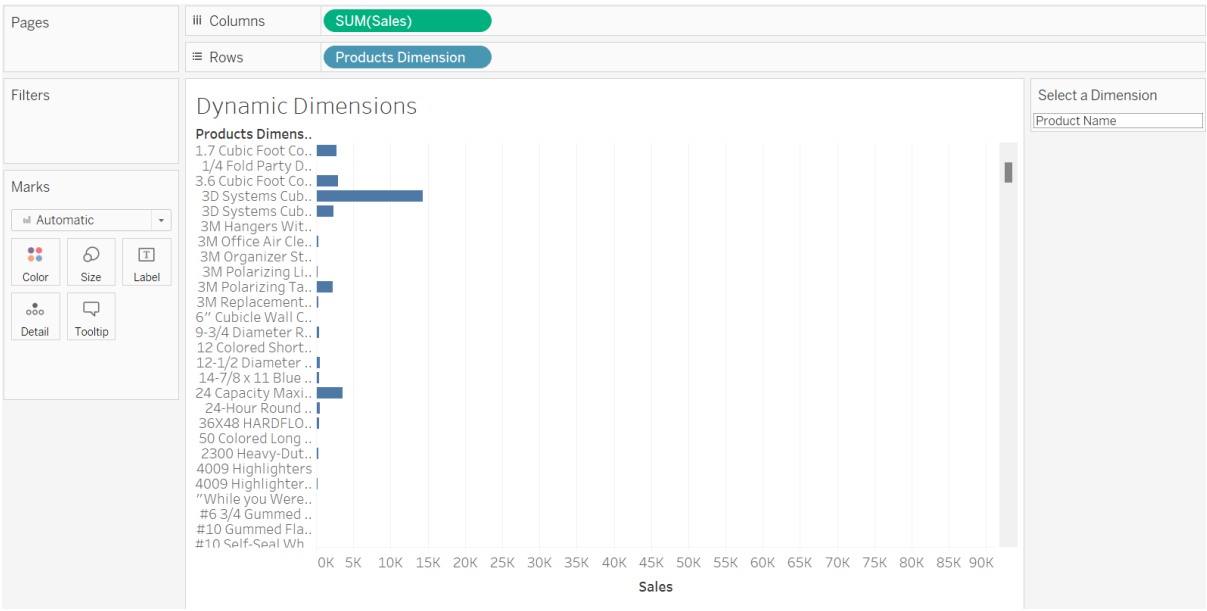
- TOP N Parameters



To create a TOP N filter, we need to assign a number of it, which will determine how many items are shown in the view.

- Here, I created TOP N within a category which we can see in the above visualization, and also created an index.

Dynamic Dimension Parameter



Here, I created a Parameter in which we can change category, sub-category, and Product name. In the above visualizations, the parameter that is named as a select dimension is in the product name and we can change it from product name to category and sub-category.