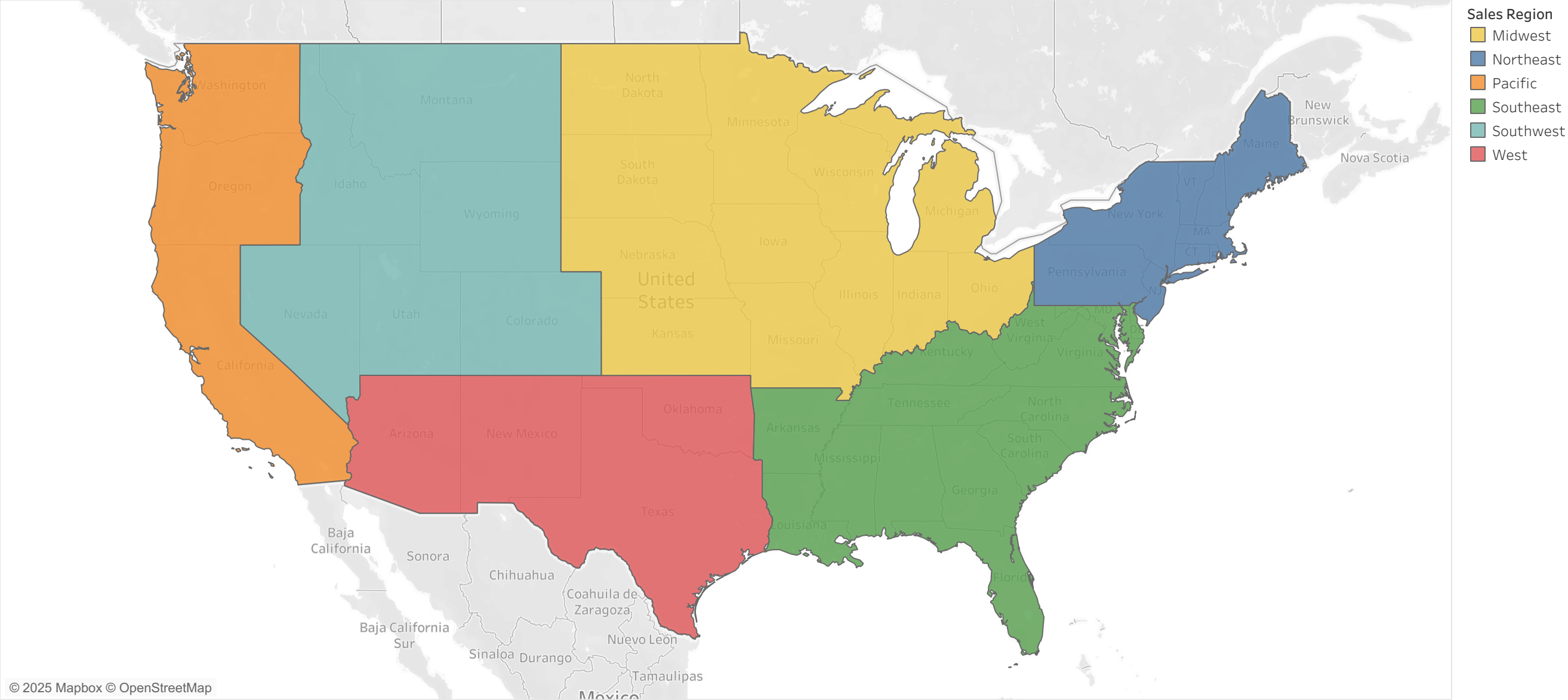


Custom Groups



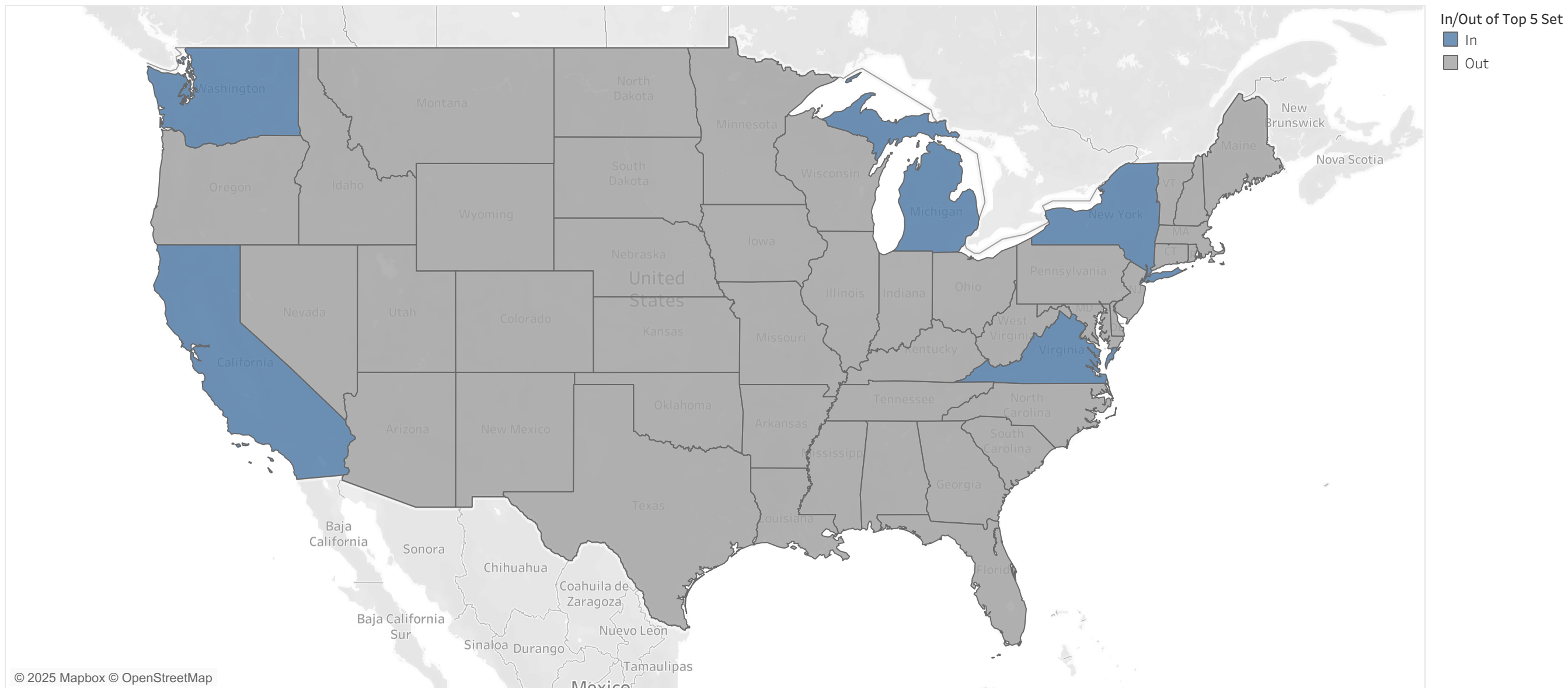
Custom Groups 2

Sales Region	Profit	Sales
Midwest	43,610	389,627
Northeast	90,240	545,292
Pacific	108,594	613,760
Southeast	65,003	446,953
Southwest	2,096	71,632
West	-23,146	229,937

Creating Groups and Sets

State	
California	76,381
New York	74,039
Washington	33,403
Michigan	24,463
Virginia	18,598
Indiana	18,383
Georgia	16,250
Kentucky	11,200
Minnesota	10,823
Delaware	9,977
New Jersey	9,773
Wisconsin	8,402
Rhode Island	7,286
Maryland	7,031
Massachusetts	6,786
Missouri	6,436
Alabama	5,787
Oklahoma	4,854
Arkansas	4,009
Connecticut	3,511
Nevada	3,317
Mississippi	3,173
Utah	2,547
Vermont	2,245
Louisiana	2,196
Nebraska	2,037
Montana	1,833
South Carolina	1,769
New Hampshire	1,707
Iowa	1,184
New Mexico	1,157
District of Columbia	1,060
Kansas	836
Idaho	827
Maine	454
South Dakota	395
North Dakota	230
West Virginia	186
Wyoming	100
Oregon	-1,190
Florida	-3,399
Arizona	-3,428
Tennessee	-5,342
Colorado	-6,528
North Carolina	-7,491
Illinois	-12,608
Pennsylvania	-15,560
Ohio	-16,971
Texas	-25,729

Sets



Aggregate vs Non - Aggregate Functions in Calculated Fields

Sub-Category	Profit	Sales	Profit Ratio	Gross Profit Ratio
Accessories	\$41,937	\$167,380	16911%	25%
Appliances	\$18,138	\$107,532	-7310%	17%
Art	\$6,528	\$27,119	20031%	24%
Binders	\$30,222	\$203,413	-30398%	15%
Bookcases	-\$3,473	\$114,880	-2887%	-3%
Chairs	\$26,590	\$328,449	2709%	8%
Copiers	\$55,618	\$149,528	2157%	37%
Envelopes	\$6,964	\$16,476	10748%	42%
Fasteners	\$950	\$3,024	6492%	31%
Furnishings	\$13,059	\$91,705	13117%	14%
Labels	\$5,546	\$12,486	15640%	44%
Machines	\$3,385	\$189,239	-828%	2%
Paper	\$34,054	\$78,479	58307%	43%
Phones	\$44,516	\$330,007	10599%	13%
Storage	\$21,279	\$223,844	7539%	10%
Supplies	-\$1,189	\$46,674	2129%	-3%
Tables	-\$17,725	\$206,966	-4712%	-9%

Aggregate Functions vs Non - Aggregate in Calculated Fields (2)

Sub-Category	Profit	Sales	Profit Ratio	Gross Profit Ratio
Accessories	\$816	\$2,323	152%	35%

Aggregate vs Non - Aggregate in Calculated Fields (3)

Sub-Category	Order ID	New Order ID	Profit	Sales	Profit Ratio	Gross Profit Ratio
Accessories	CA-2014-153087	X-CA-2014-153087	\$184	\$498	37%	37%
	CA-2016-101378	X-CA-2016-101378	\$7	\$29	25%	25%
	CA-2016-108616	X-CA-2016-108616	\$71	\$210	34%	34%
	CA-2017-122707	X-CA-2017-122707	\$2	\$26	6%	6%
	US-2016-138408	X-US-2016-138408	\$528	\$1,320	40%	40%
	US-2017-102904	X-US-2017-102904	\$24	\$240	10%	10%
Grand Total			\$816	\$2,323	152%	35%

Quick Table Calculations

Month of Order Date	Profit	Running Sum of Profit along Table (Down)	% of Total Profit along Table (Down)	Difference in Profit from the Previous along Table (Down)
January	\$7,140	\$7,140	8%	
February	\$1,614	\$8,754	2%	-\$5,527
March	\$14,752	\$23,506	16%	\$13,138
April	\$933	\$24,439	1%	-\$13,819
May	\$6,343	\$30,782	7%	\$5,409
June	\$8,223	\$39,005	9%	\$1,881
July	\$6,953	\$45,958	7%	-\$1,271
August	\$9,041	\$54,999	10%	\$2,088
September	\$10,992	\$65,991	12%	\$1,951
October	\$9,275	\$75,266	10%	-\$1,716
November	\$9,690	\$84,956	10%	\$415
December	\$8,483	\$93,439	9%	-\$1,207

Table Calculations (2)

Month of Order Date	Profit	Difference in Profit from the First along Table (Down)
January	\$7,140	\$0
February	\$1,614	-\$5,527
March	\$14,752	\$7,611
April	\$933	-\$6,207
May	\$6,343	-\$798
June	\$8,223	\$1,083
July	\$6,953	-\$188
August	\$9,041	\$1,901
September	\$10,992	\$3,851
October	\$9,275	\$2,135
November	\$9,690	\$2,550
December	\$8,483	\$1,343

Grand Totals and Subtotals

Category	Sub-Category	Region				Grand Total
		Central	East	South	West	
Furniture	Bookcases	192	252	118	306	868
	Chairs	615	676	331	734	2,356
	Furnishings	758	1,015	615	1,175	3,563
	Tables	262	271	227	481	1,241
	Total	1,827	2,214	1,291	2,696	8,028
Office Supplies	Appliances	470	474	293	492	1,729
	Art	678	849	547	926	3,000
	Binders	1,473	1,652	981	1,868	5,974
	Envelopes	206	267	206	227	906
	Fasteners	227	298	126	263	914
	Labels	284	420	216	480	1,400
	Paper	1,225	1,400	851	1,702	5,178
	Storage	724	907	488	1,039	3,158
	Supplies	122	195	92	238	647
	Total	5,409	6,462	3,800	7,235	22,906
Technology	Accessories	716	724	504	1,032	2,976
	Copiers	49	71	26	88	234
	Machines	66	165	62	147	440
	Phones	713	982	526	1,068	3,289
	Total	1,544	1,942	1,118	2,335	6,939
Grand Total		8,780	10,618	6,209	12,266	37,873