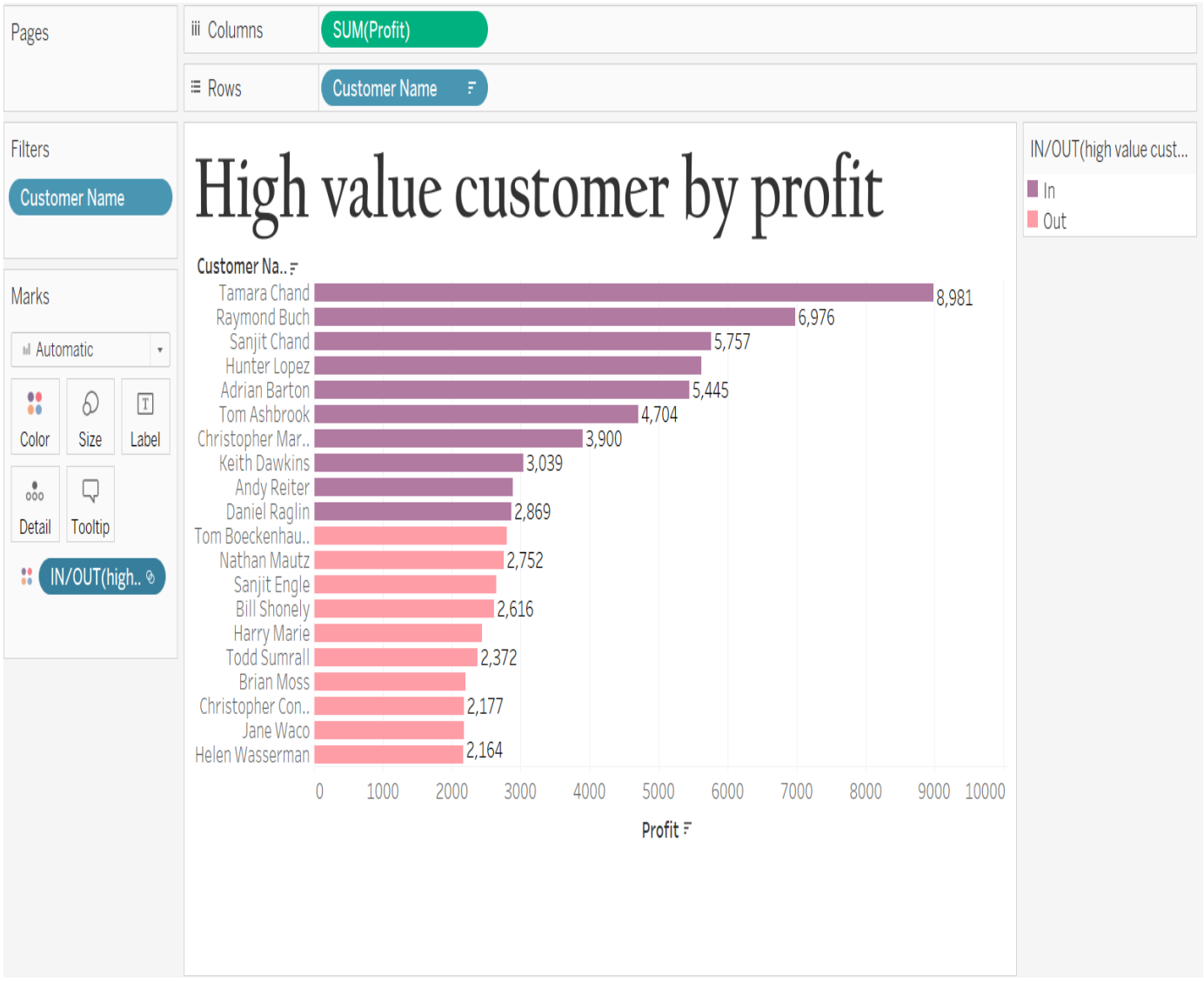
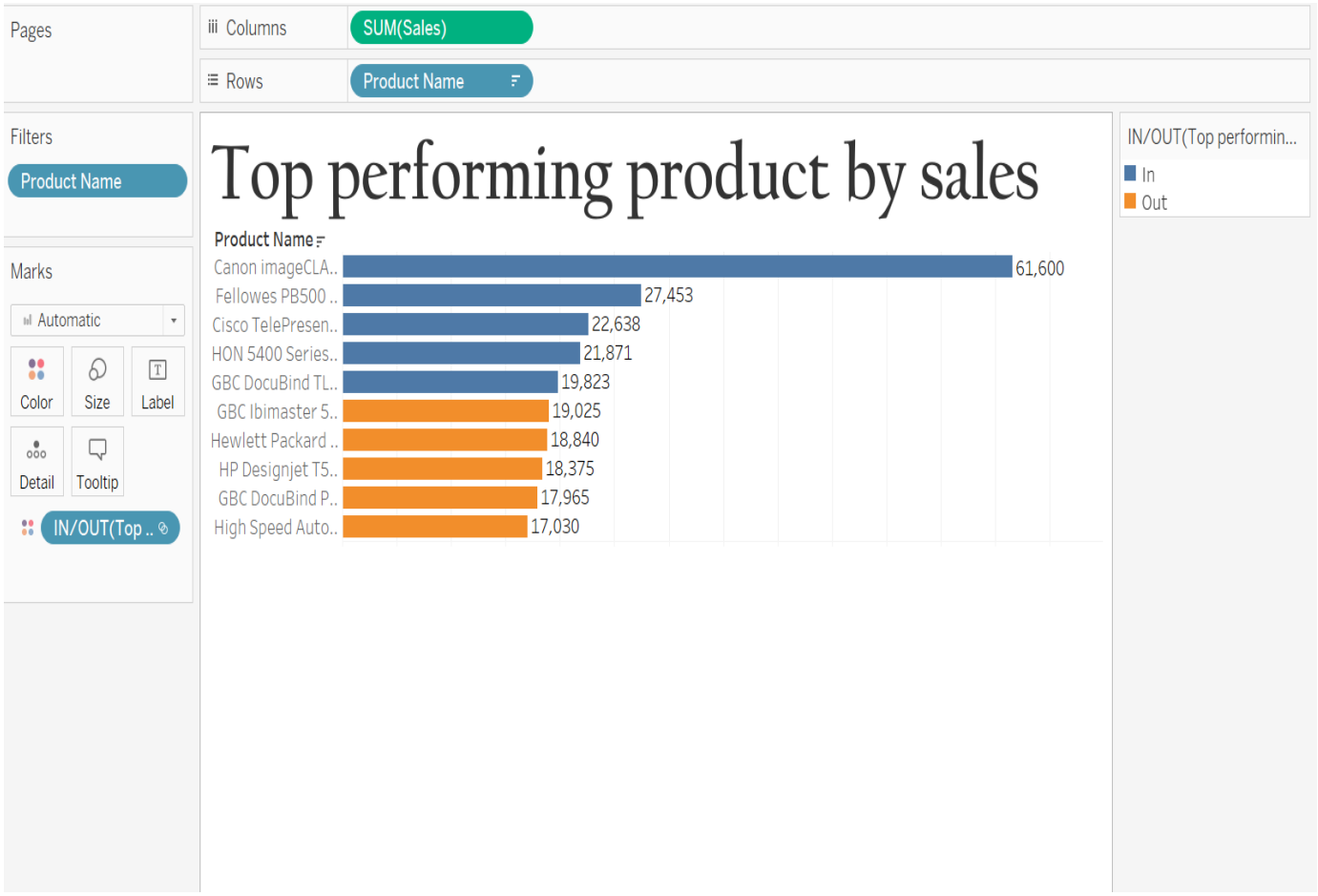
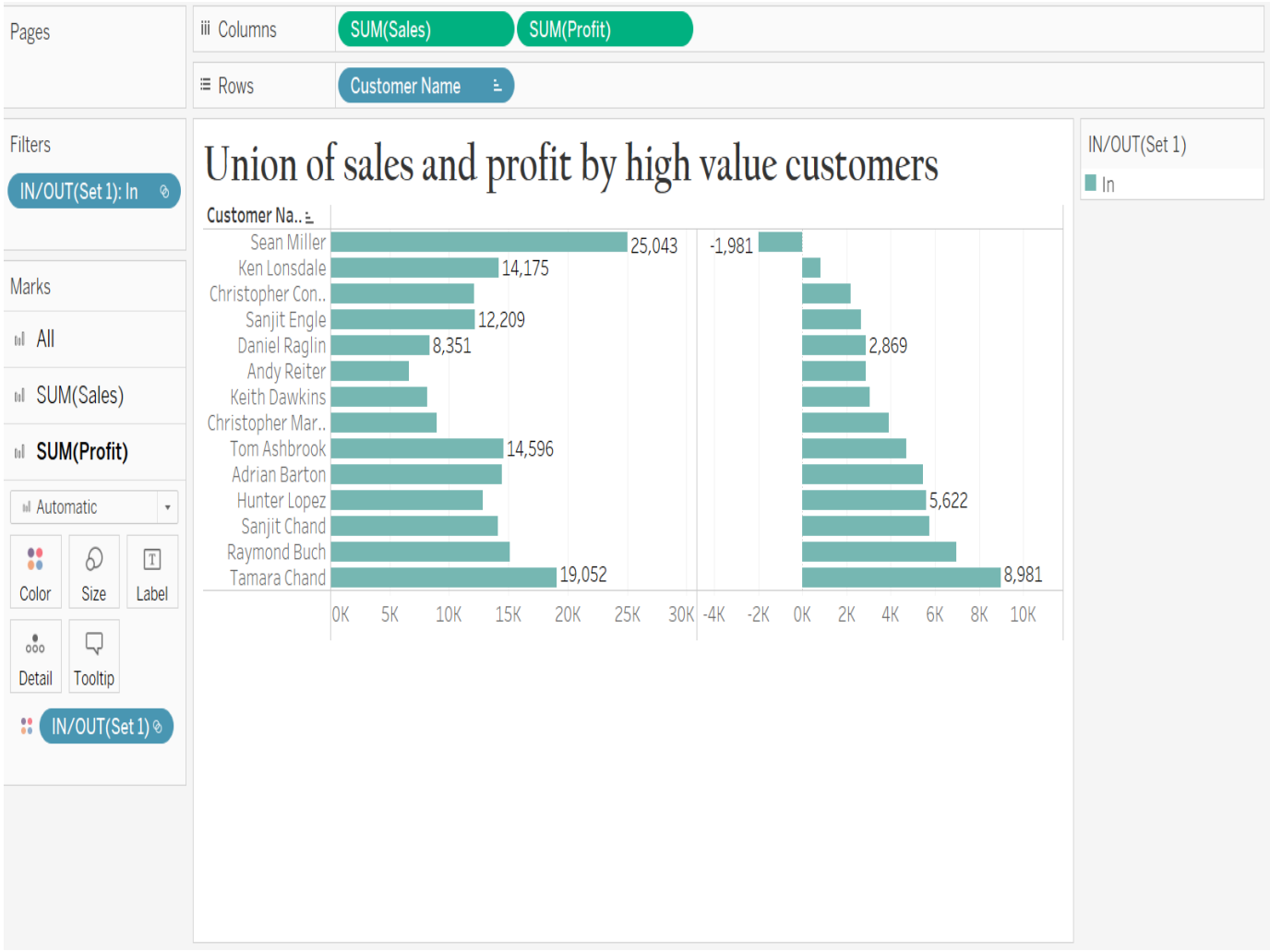
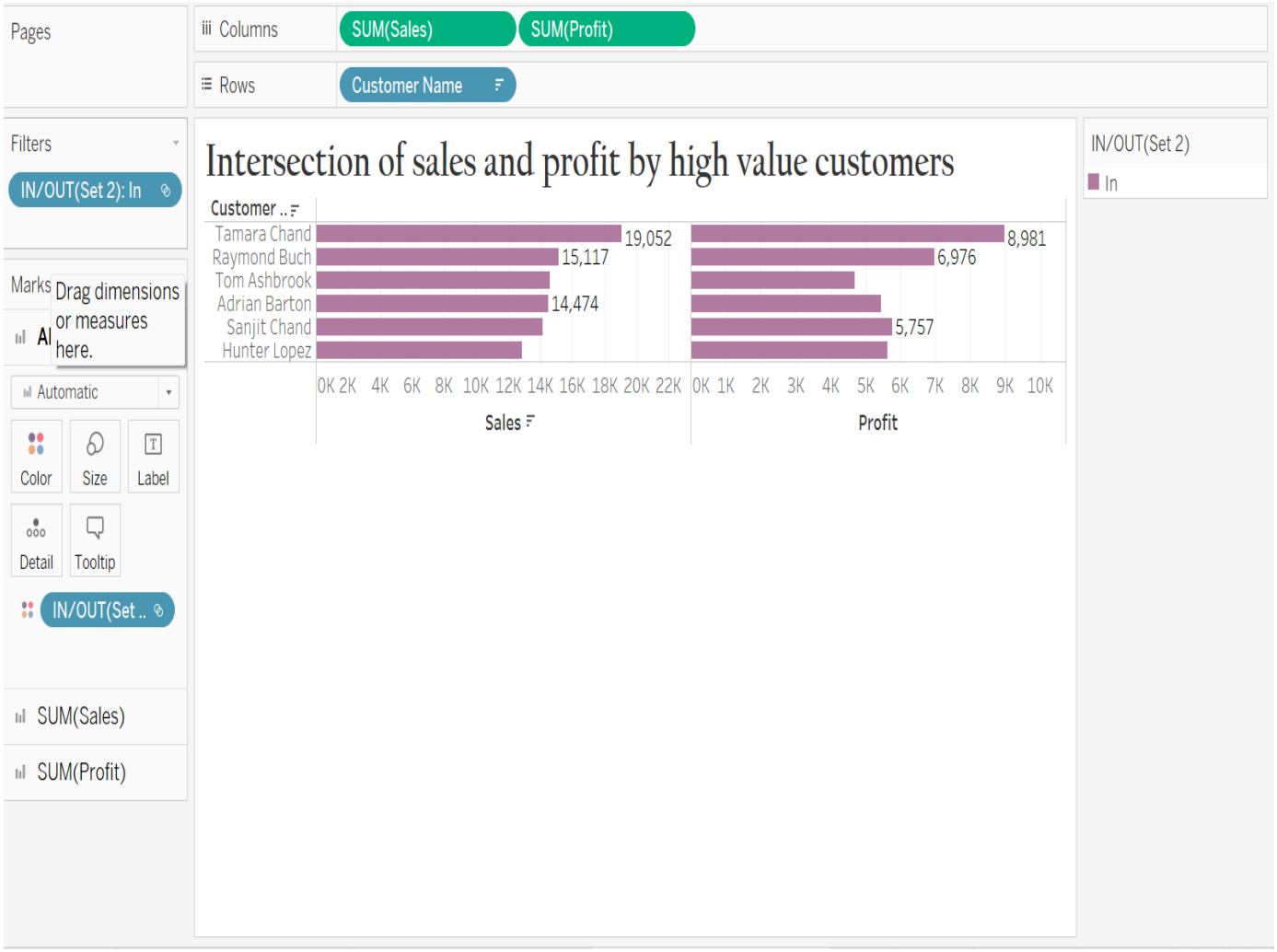
Data Analytics

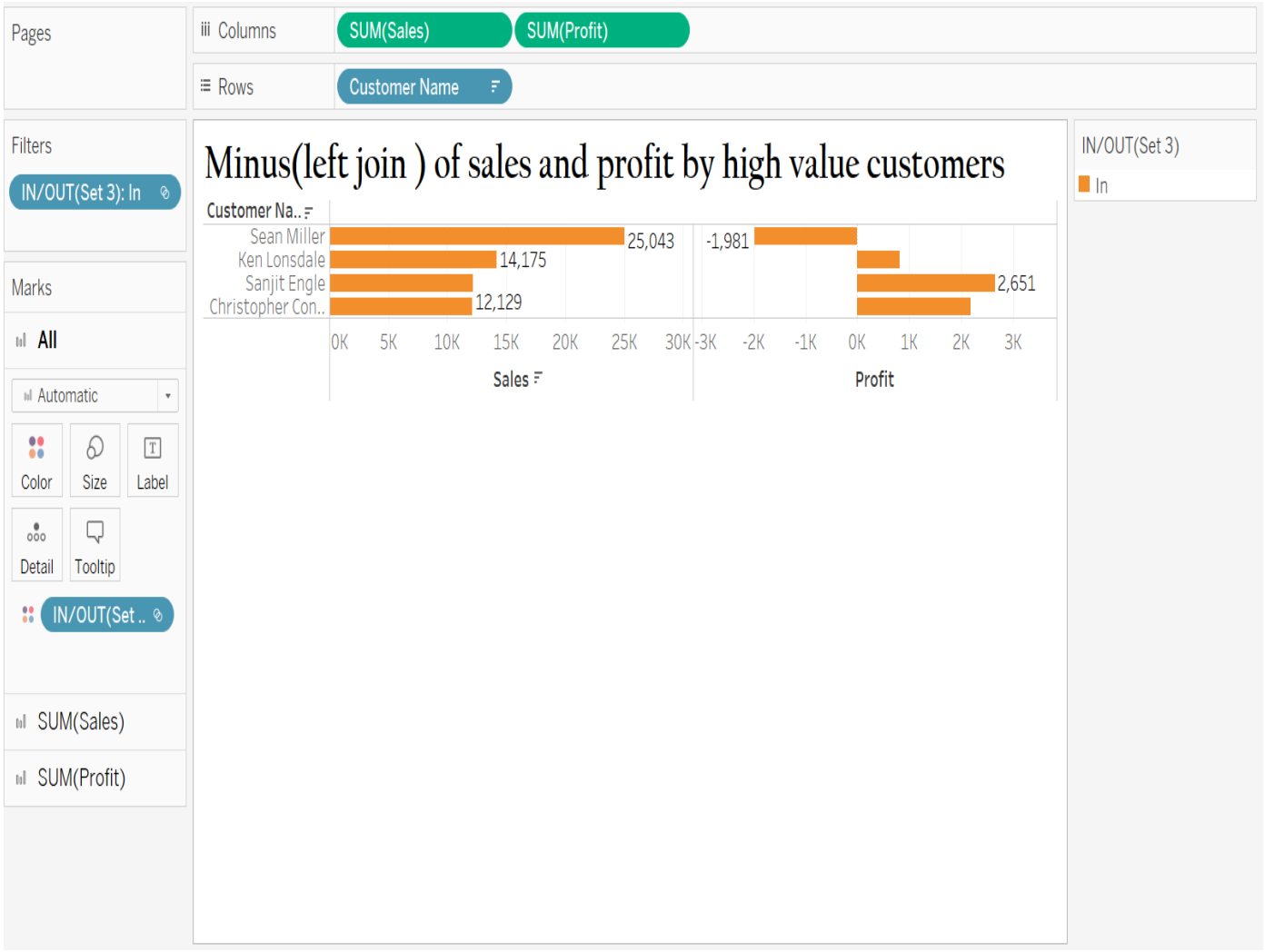
Assignment-3

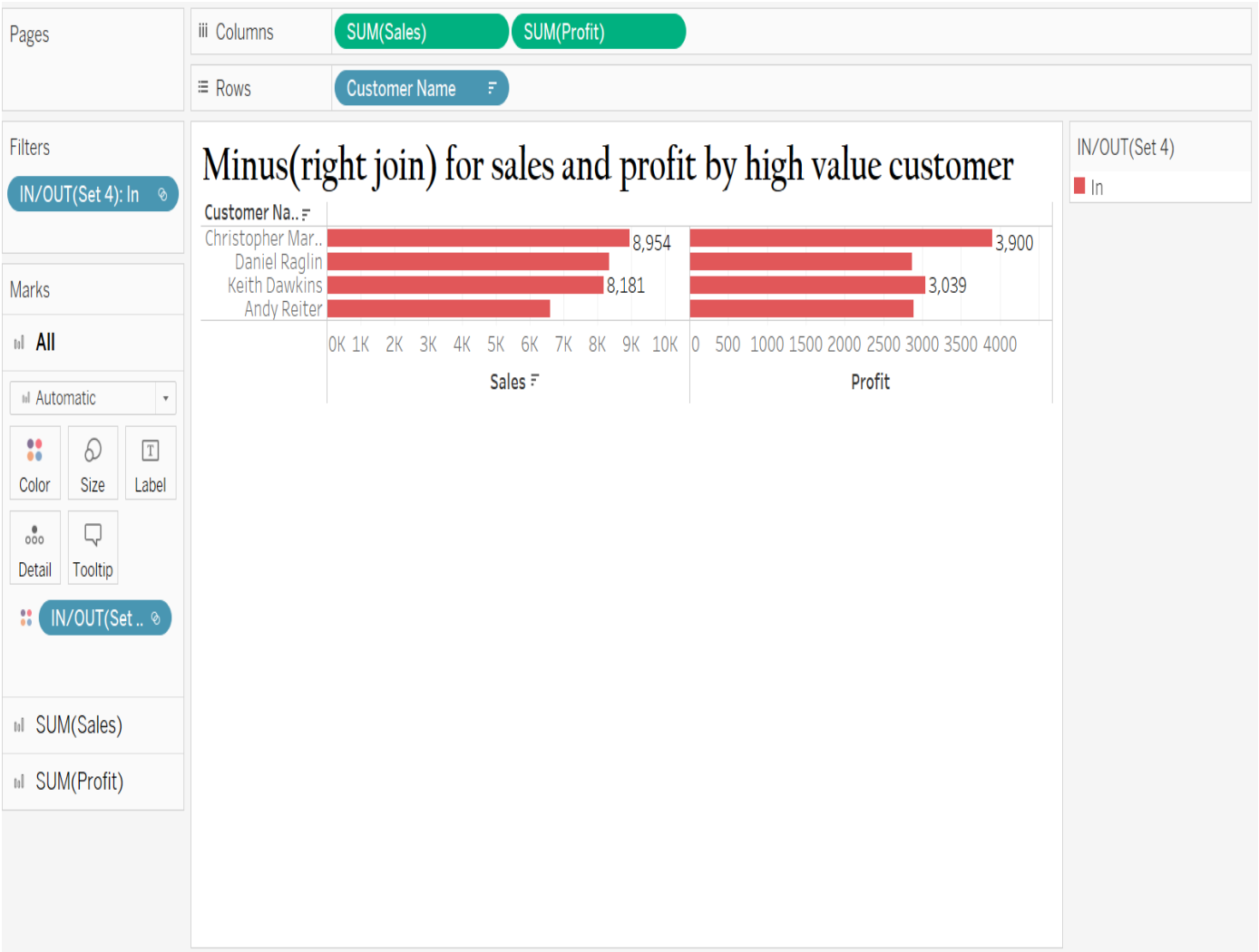

Pages
Columns
SUM(Profit)
Rows
Customer Name
Filters
Customer Name
Marks
Automatic
Color
Size
Label
Detail
Tooltip
IN/OUT(high..
High value customer by profit
Customer Na..
Tamara Chand 8,981
Raymond Buch 6,976
Sanjit Chand 5,757
Hunter Lopez
Adrian Barton 5,445
Tom Ashbrook 4,704
Christopher Mar.. 3,900
Keith Dawkins 3,039
Andy Reiter
Daniel Raglin 2,869
Tom Boeckenhau..
Nathan Mautz 2,752
Sanjit Engle
Bill Shonely 2,616
Harry Marie
Todd Sumrall 2,372
Brian Moss
Christopher Con.. 2,177
Jane Waco
Helen Wasserman 2,164
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
Profit
IN/OUT(high value cust...
In
Out

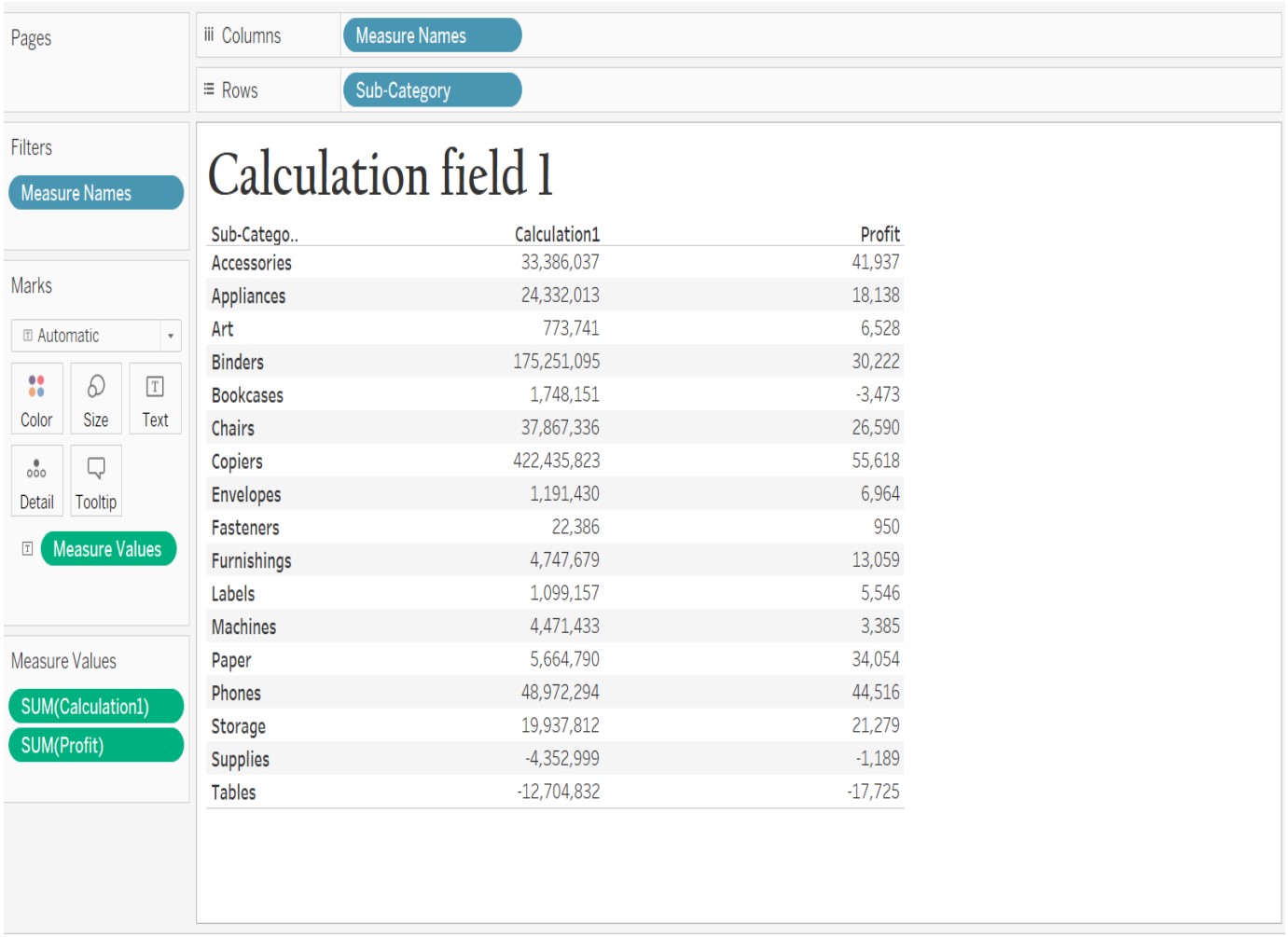

Pages
Columns
SUM(Sales)
Rows
Product Name
Filters
Product Name
Marks
Automatic
Color
Size
Label
Detail
Tooltip
IN/OUT(Top ..
Top performing product by sales
Product Name
Canon imageCLA..
61,600
Fellowes PB500 ..
27,453
Cisco TelePresen..
22,638
HON 5400 Series..
21,871
GBC DocuBind TL..
19,823
GBC Ibimaster 5..
19,025
Hewlett Packard ..
18,840
HP Designjet T5..
18,375
GBC DocuBind P..
17,965
High Speed Auto..
17,030
IN/OUT(Top performin...
In
Out


Pages
Columns
SUM(Sales)
SUM(Profit)
Rows
Customer Name
Filters
IN/OUT(Set 1): In
Marks
All
SUM(Sales)
SUM(Profit)
Automatic
Color
Size
Label
Detail
Tooltip
IN/OUT(Set 1)
Union of sales and profit by high value customers
Customer Na..
Sean Miller
Ken Lonsdale
Christopher Con..
Sanjit Engle
Daniel Raglin
Andy Reiter
Keith Dawkins
Christopher Mar..
Tom Ashbrook
Adrian Barton
Hunter Lopez
Sanjit Chand
Raymond Buch
Tamara Chand
25,043
14,175
12,209
8,351
14,596
19,052
-1,981
2,869
5,622
8,981
0K
5K
10K
15K
20K
25K
30K
-4K
-2K
0K
2K
4K
6K
8K
10K
IN/OUT(Set 1)
In


Pages
Columns
SUM(Sales)
SUM(Profit)
Rows
Customer Name
Filters
IN/OUT(Set 2): In
Intersection of sales and profit by high value customers
IN/OUT(Set 2)
In
Marks
Drag dimensions or measures here.
Automatic
Color
Size
Label
Detail
Tooltip
IN/OUT(Set ..
SUM(Sales)
SUM(Profit)
Customer ..
Tamara Chand
Raymond Buch
Tom Ashbrook
Adrian Barton
Sanjit Chand
Hunter Lopez
19,052
15,117
14,474
8,981
6,976
5,757
0K 2K 4K 6K 8K 10K 12K 14K 16K 18K 20K 22K
0K 1K 2K 3K 4K 5K 6K 7K 8K 9K 10K
Sales
Profit


Pages
Columns
SUM(Sales)
SUM(Profit)
Rows
Customer Name
Filters
IN/OUT(Set 3): In
Marks
All
Automatic
Color
Size
Label
Detail
Tooltip
IN/OUT(Set ..
SUM(Sales)
SUM(Profit)
Minus(left join) of sales and profit by high value customers
Customer Na..
Sean Miller
Ken Lonsdale
Sanjit Engle
Christopher Con..
25,043
14,175
12,129
-1,981
2,651
0K
5K
10K
15K
20K
25K
30K
-3K
-2K
-1K
0K
1K
2K
3K
Sales
Profit
IN/OUT(Set 3)
In


Pages
Columns
SUM(Sales)
SUM(Profit)
Rows
Customer Name
Filters
IN/OUT(Set 4): In
Marks
All
Automatic
Color
Size
Label
Detail
Tooltip
IN/OUT(Set ..
SUM(Sales)
SUM(Profit)
Minus(right join) for sales and profit by high value customer
Customer Na..
Christopher Mar..
Daniel Raglin
Keith Dawkins
Andy Reiter
8,954
8,181
3,900
3,039
0K 1K 2K 3K 4K 5K 6K 7K 8K 9K 10K
0 500 1000 1500 2000 2500 3000 3500 4000
Sales
Profit
IN/OUT(Set 4)
In



Calculation field 1

Sub-Catego..	Calculation1	Profit
Accessories	33,386,037	41,937
Appliances	24,332,013	18,138
Art	773,741	6,528
Binders	175,251,095	30,222
Bookcases	1,748,151	-3,473
Chairs	37,867,336	26,590
Copiers	422,435,823	55,618
Envelopes	1,191,430	6,964
Fasteners	22,386	950
Furnishings	4,747,679	13,059
Labels	1,099,157	5,546
Machines	4,471,433	3,385
Paper	5,664,790	34,054
Phones	48,972,294	44,516
Storage	19,937,812	21,279
Supplies	-4,352,999	-1,189
Tables	-12,704,832	-17,725

Pages

Columns: City, Measure Names

Rows: Measure Values

Filters

City

Measure Names

Marks

Density

Color | Size | Label

Detail | Tooltip

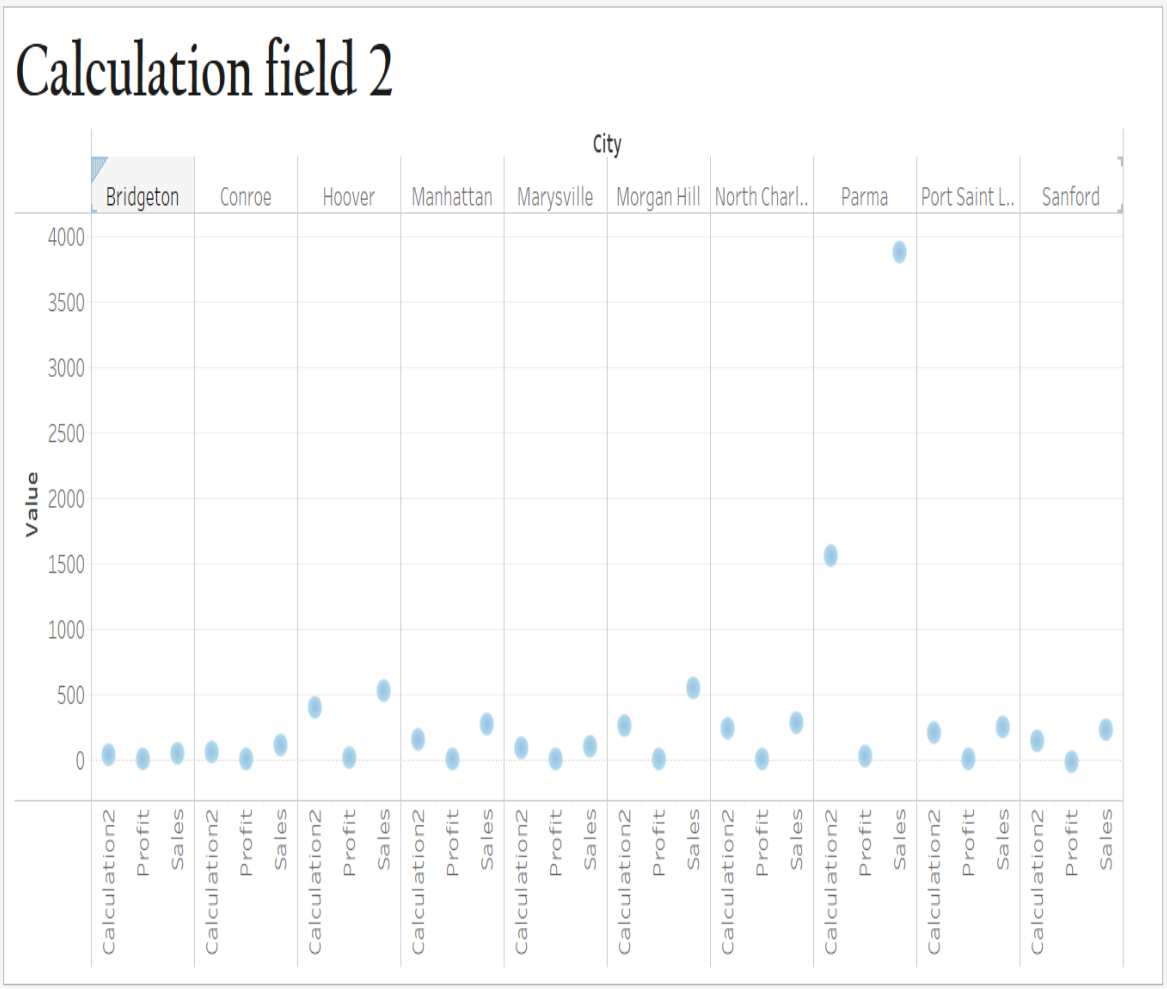
Measure Names

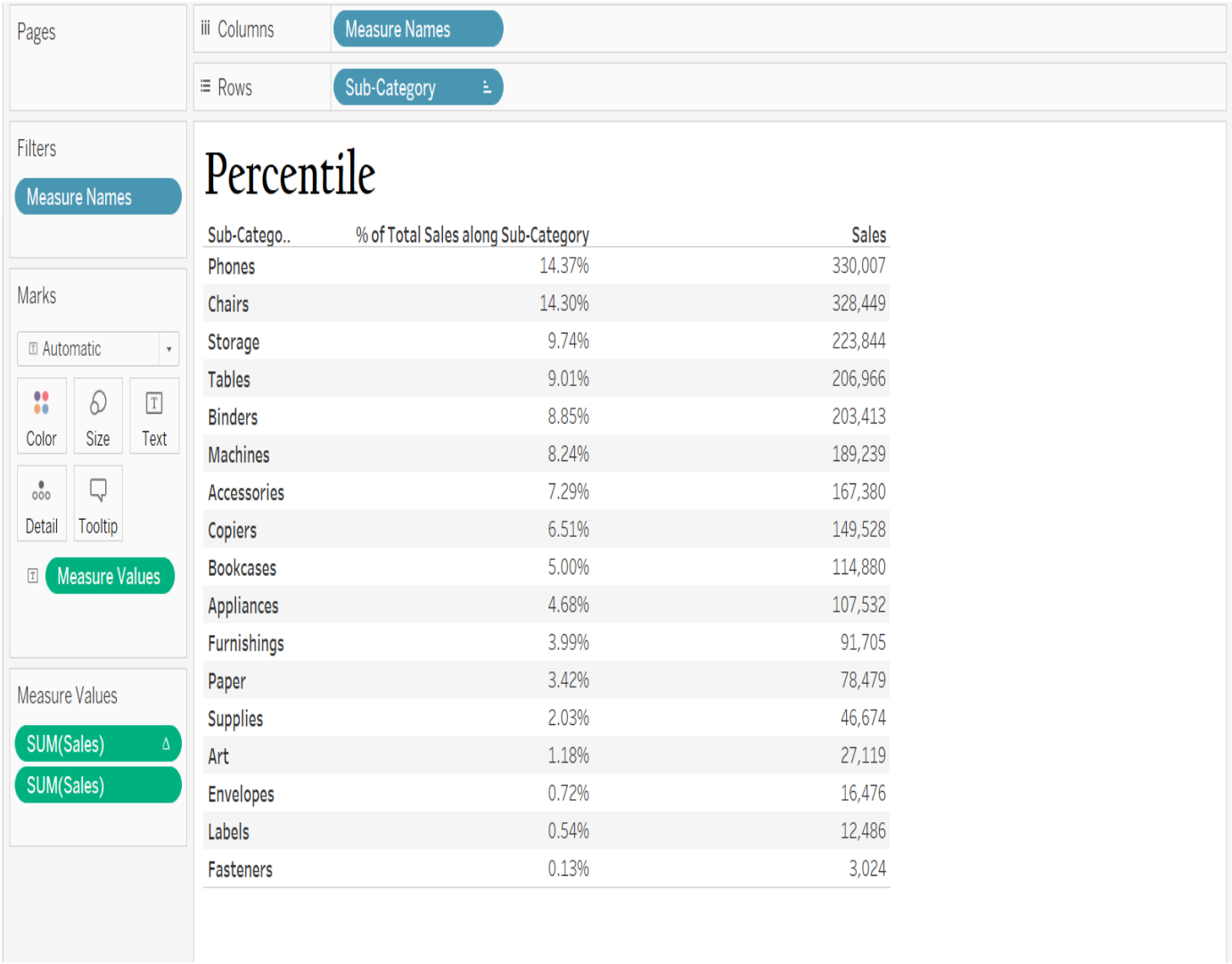
Measure Values

SUM(Calculation2)

SUM(Profit)

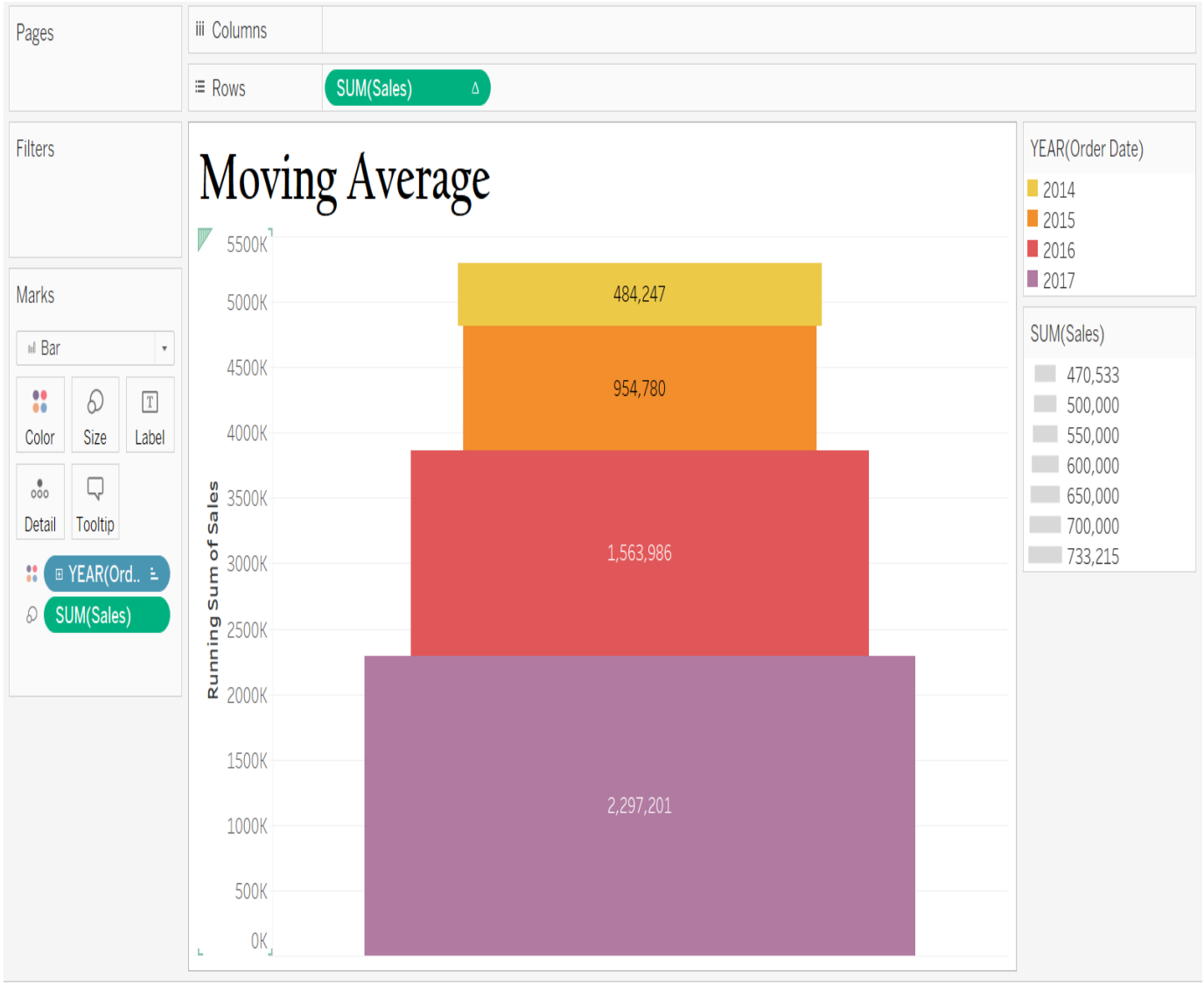
SUM(Sales)





Percentile

Sub-Catego..	% of Total Sales along Sub-Category	Sales
Phones	14.37%	330,007
Chairs	14.30%	328,449
Storage	9.74%	223,844
Tables	9.01%	206,966
Binders	8.85%	203,413
Machines	8.24%	189,239
Accessories	7.29%	167,380
Copiers	6.51%	149,528
Bookcases	5.00%	114,880
Appliances	4.68%	107,532
Furnishings	3.99%	91,705
Paper	3.42%	78,479
Supplies	2.03%	46,674
Art	1.18%	27,119
Envelopes	0.72%	16,476
Labels	0.54%	12,486
Fasteners	0.13%	3,024


Pages
Columns
Rows
SUM(Sales)
Filters
Marks
Bar
Color
Size
Label
Detail
Tooltip
YEAR(Ord..
SUM(Sales)
Moving Average
Running Sum of Sales
5500K
5000K
4500K
4000K
3500K
3000K
2500K
2000K
1500K
1000K
500K
0K
484,247
954,780
1,563,986
2,297,201
YEAR(Order Date)
2014
2015
2016
2017
SUM(Sales)
470,533
500,000
550,000
600,000
650,000
700,000
733,215

Pages
Columns
SUM(Profit)
Rows
YEAR(Ship Date)
Filters
Marks
Bar
Color
Size
Label
Detail
Tooltip
Rank
Year of ..
2017
2016
2015
2014
2018
1
2
3
4
5
0
1
2
3
4
5
6
Rank of Profit