

Tableau Desktop Practice Exam - FREE TEST

Solution Guide

Quiz 1: To create a varying bin size, which of the following do we use?

- Bins
- **Calculated fields** ☒
- Groups
- Sets

By default, Tableau creates even-sized bins based on the size you specify to convert a continuous measure into bins. However, you can use a calculated field to create bins of variable size e.g., 1-5, 5-20, 20-100, over 100 and so on.

Quiz 2: Which of the following chart is suitable for visualizing change overtime?

→ **Line chart** ☒

→ Waffle chart

→ Waterfall chart

→ Pie chart

Line chart is the perfect chart to visualize how data changes over a time dimension.

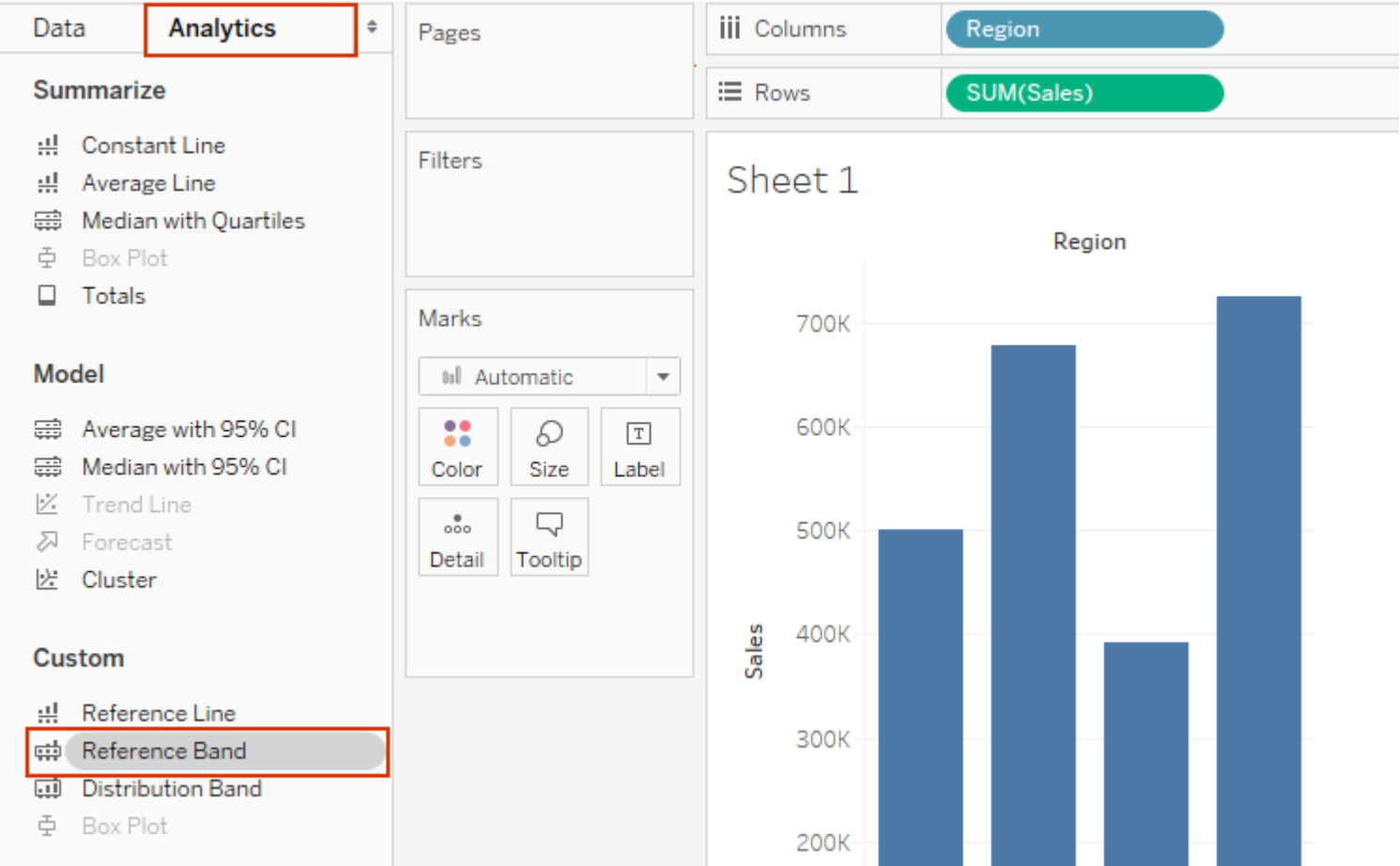
Waffle chart and **pie chart** are used to show proportion of total (part-to-whole analysis)

Waterfall chart is used to illustrate cumulative effect of sequentially introduced positive and negative values.

Quiz 3: Reference bands cannot be added from the analytics pane?

→ TRUE

→ FALSE ✓



Quiz 4: How do you identify discrete fields in Tableau?

- When added to the view discrete fields add headers ✓
- They can be identified by a green pill in the view
- They can be identified by a blue pill in the view ✓
- When dragged to the view they add axes

Columns	
Rows	Region ← Discrete fields can be identified using the blue pill
Region	
Central	Abc
East	Abc
South	Abc
West	Abc

Discrete fields add headers in the view

Quiz 5: Using Superstore dataset, find the customer with the highest sales, what is his or her total orders?

→ 18

→ 5

→ 12

→ 15 ☒

Add Customer name and sales in the view and sort the view in descending order by Sales

Add COUNT(Orders ID)

Pages	Columns	Measure Names
	Rows	Customer Name
Filters		
Measure Names		
Marks		
Automatic		
Color		
Size		
Text		
Detail		
Tooltip		
Measure Values		
CNT(Order ID)		
SUM(Sales)		

Customer Name	Count of Order ID	Sales
Sean Miller	15	25,042
Tamara Chand	12	19,050
Raymond Buch	18	15,117
Tom Ashbrook	10	14,596
Adrian Barton	20	14,476
Ken Lonsdale	29	14,175
Sanjit Chand	22	14,145
Hunter Lopez	11	12,875
Sanjit Engle	19	12,209
Christopher Conant	11	12,128
Todd Sumrall	15	11,891
Greg Tran	29	11,821
Becky Martin	16	11,791
Seth Vernon	32	11,472
Caroline Jumper	20	11,165
Clay Ludtke	28	10,881
Maria Etezadi	22	10,665
Karen Ferguson	18	10,606
Bill Shonely	9	10,502

Quiz 6: What will the following function DATEADD('year',2,#02/21/2021#) return?

→ 04/21/2021

→ 02/23/2021

→ **02/21/2023** ☒

→ 02/21/2019

The above function will add two years to the current date leading to #02/21/2023#

Quiz 7: Using Superstore dataset, find what percent of Phones Sales made in the year 2019 came from Consumer segment?

→ 42.22%

→ **48.91%** ☒

→ 56.62%

→ 25.74%

Add YEAR(Order Date) and Sales to the view, choose bar under marks card

Pages

Columns

YEAR(Order Date)

Rows

SUM(Sales)

Filters

Marks

Bar

Color

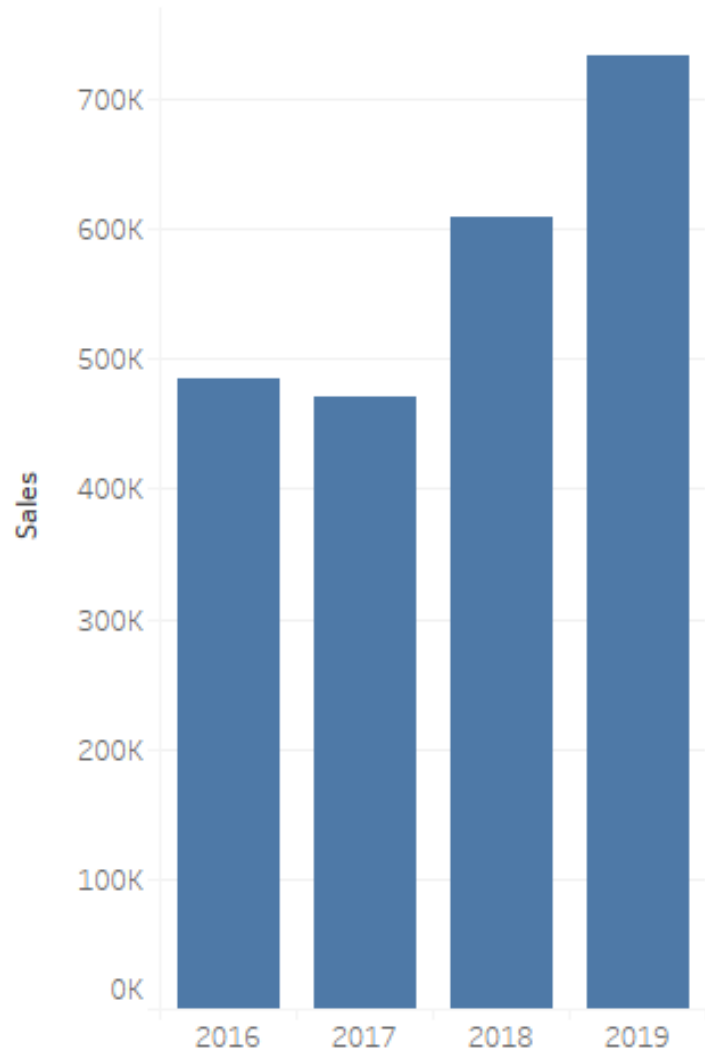
Size

Label

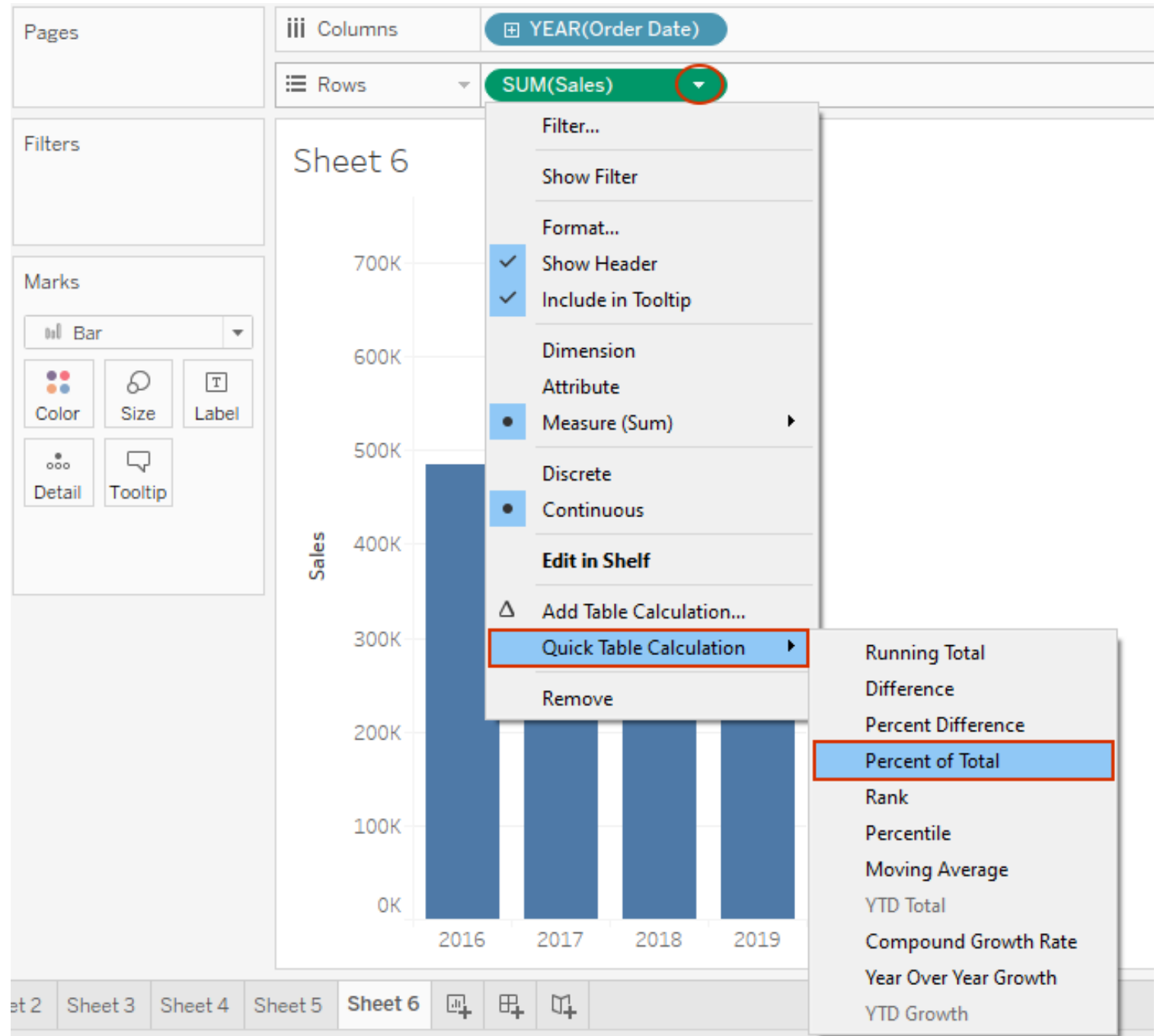
Detail

Tooltip

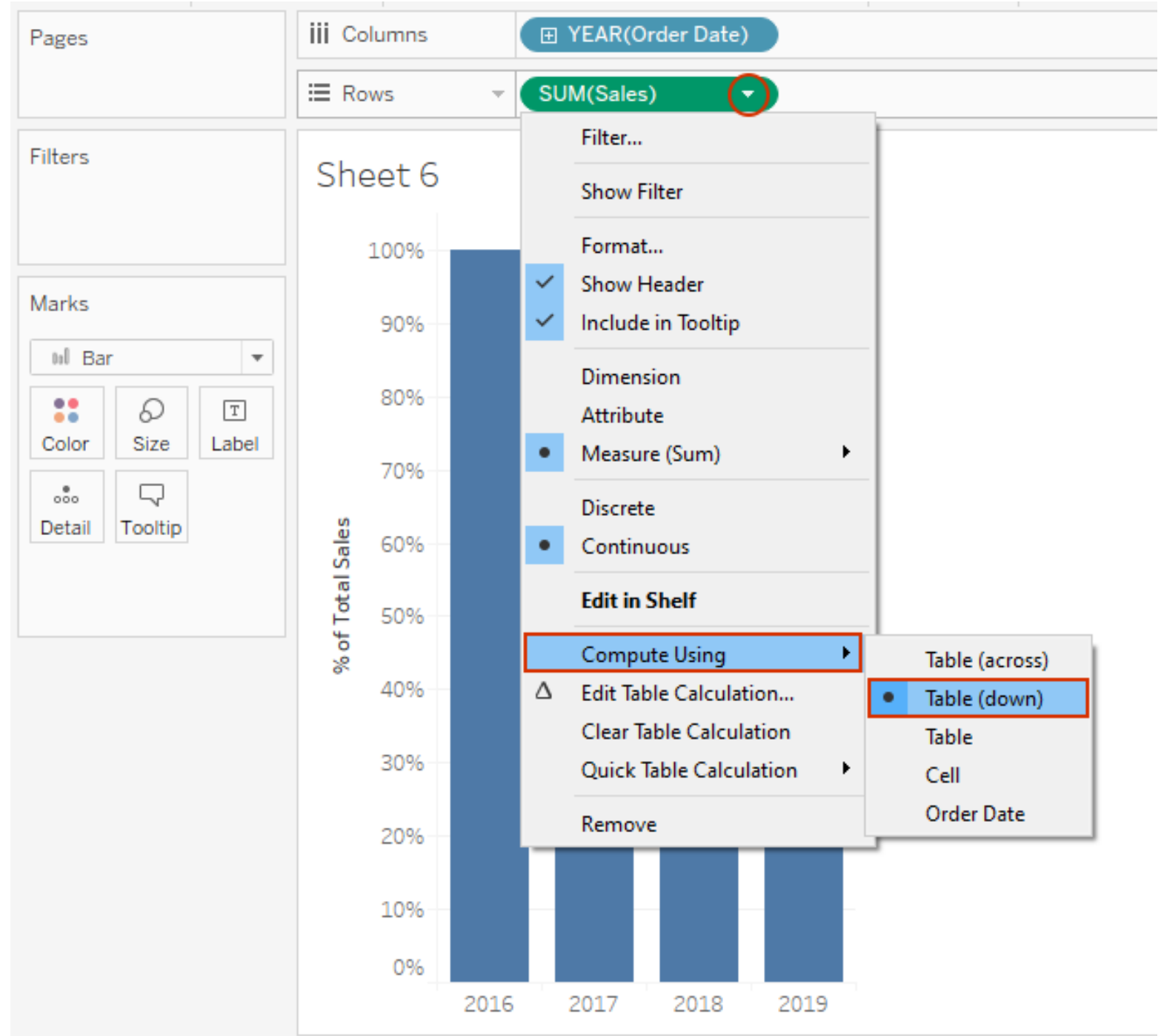
Sheet 6



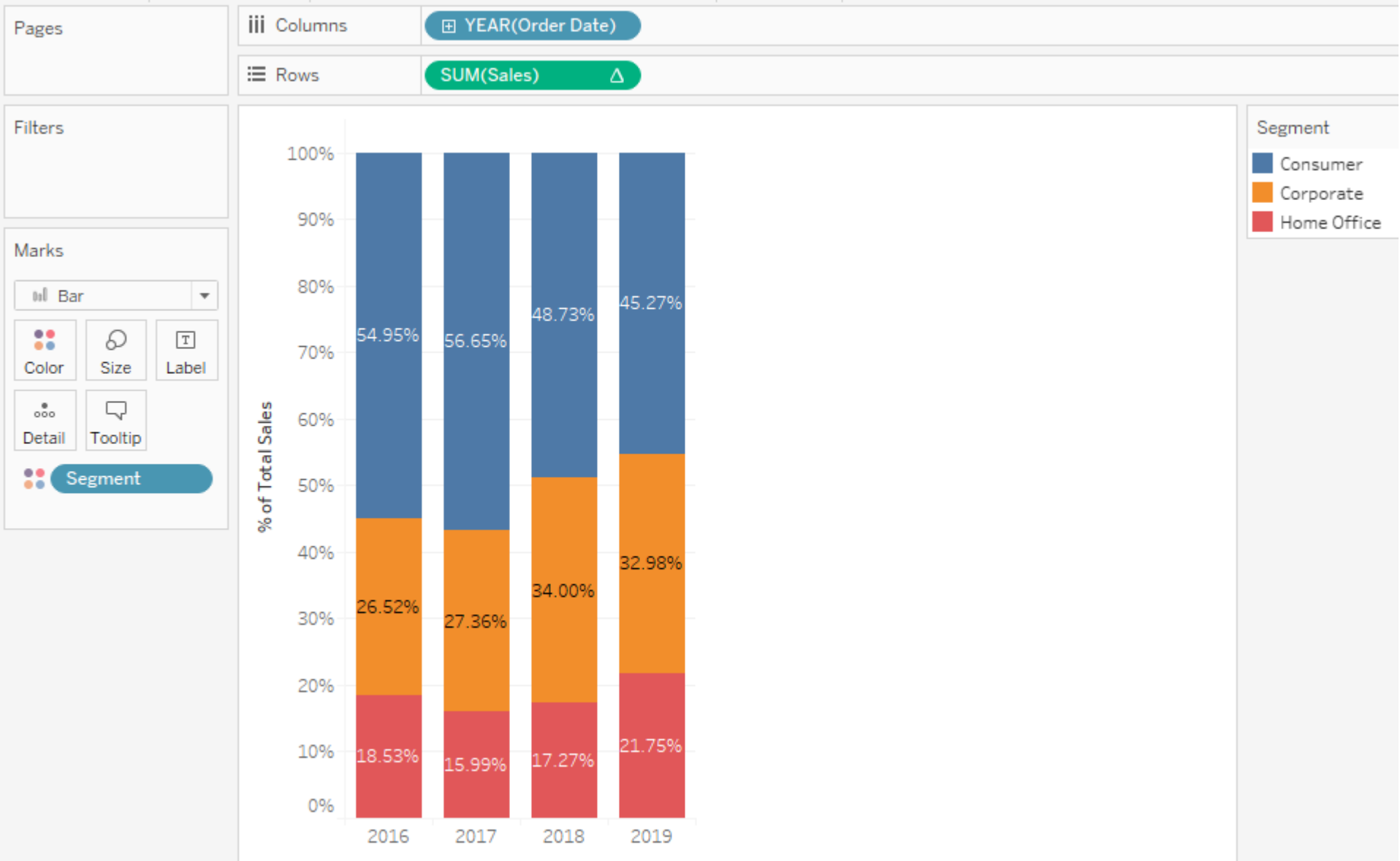
Add a quick table calculation
'Percent of Total'



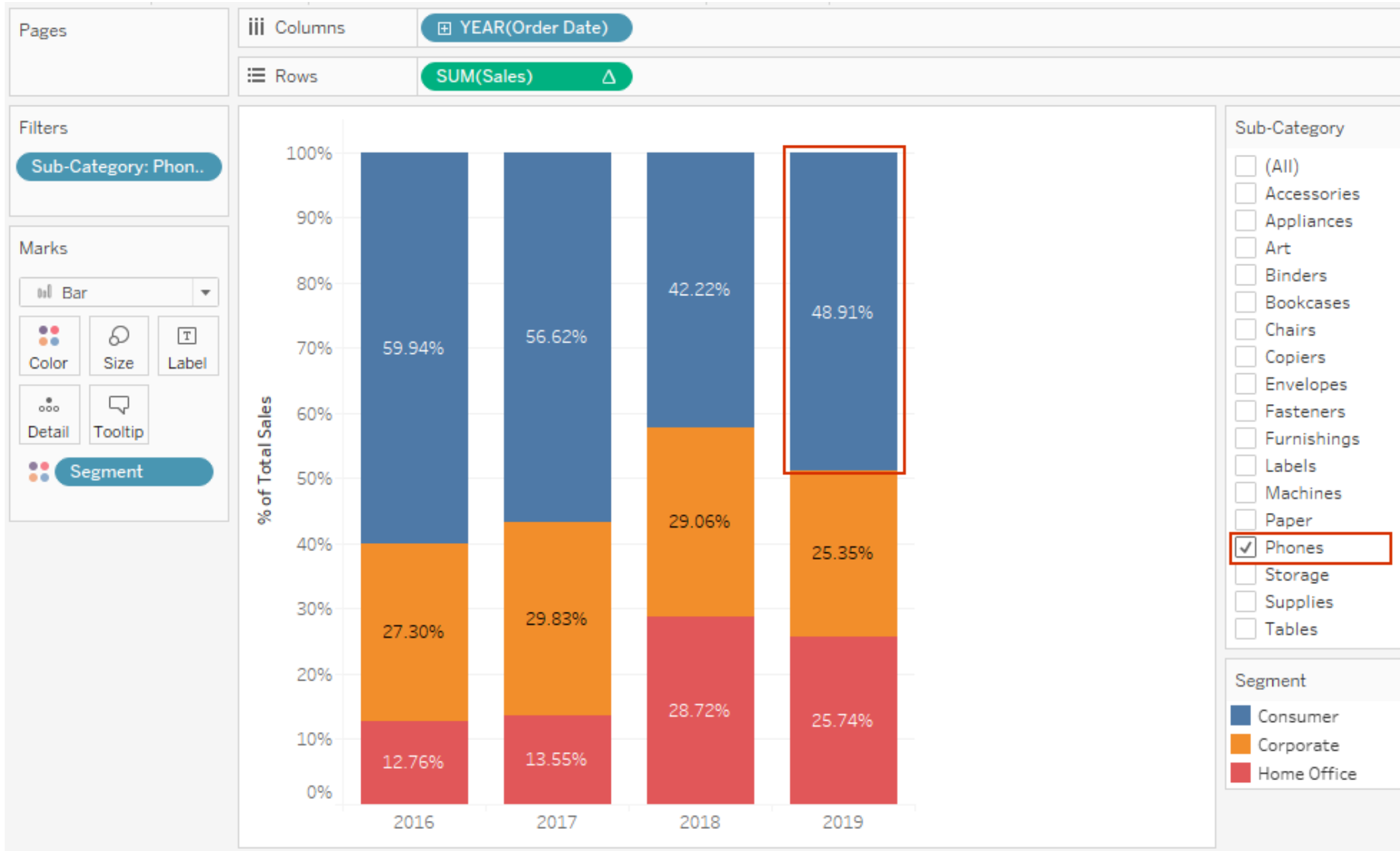
Change the direction of the computation to be table down



Add Segment to color and label the view,



Add Sub-Category filter and select 'Phones'



Quiz 8: To union data in Tableau requires a single data connection?

→ **TRUE** ☒

→ FALSE

TRUE - To union your data in the Tableau data source, the tables **MUST** come from the same connection.

Quiz 9: Using Superstore dataset, create a view showing sales made in different years. Find which region shows a decreasing trend of sales for Home Office segment?

→ Central

→ East

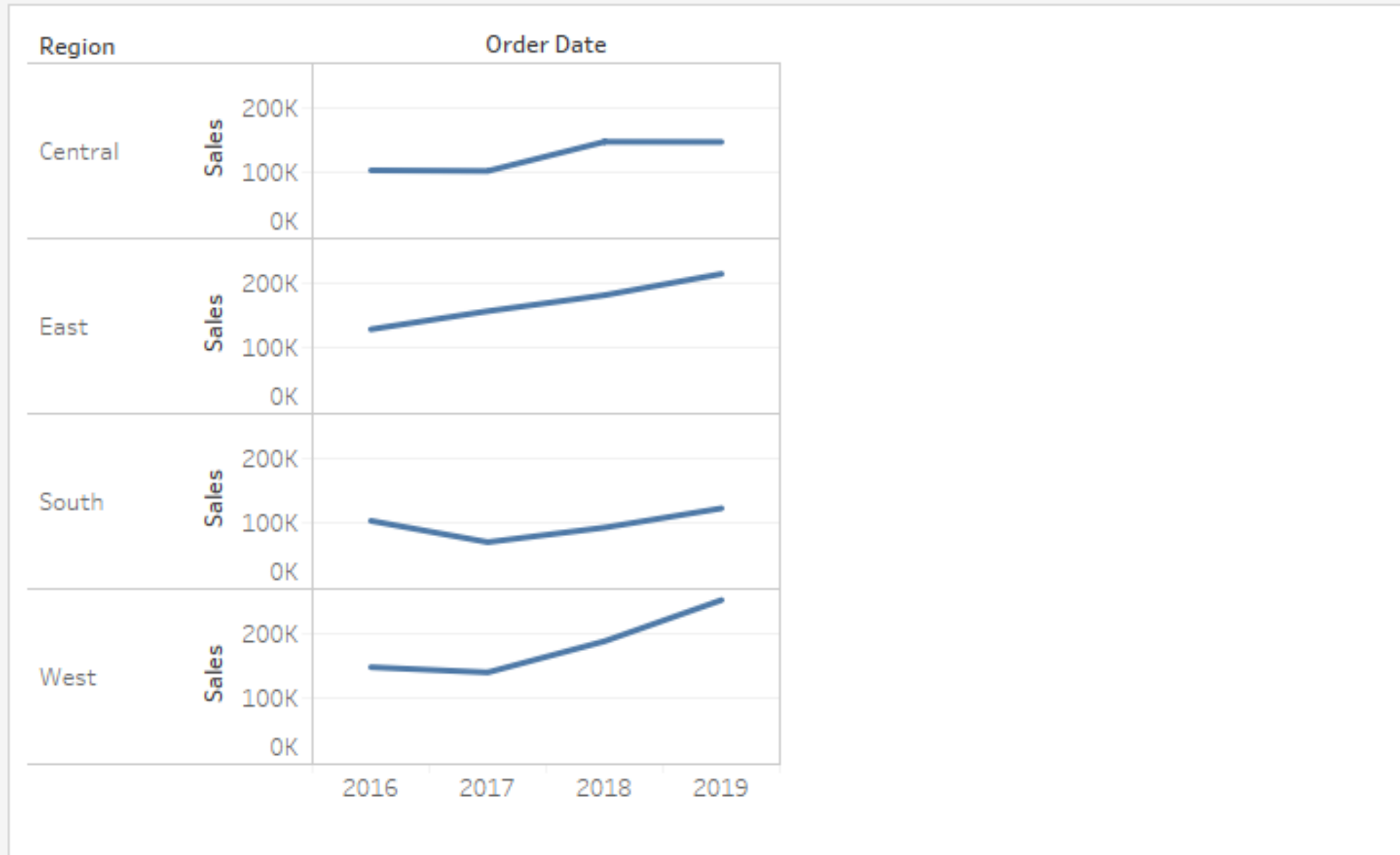
→ **South** ☒

→ West

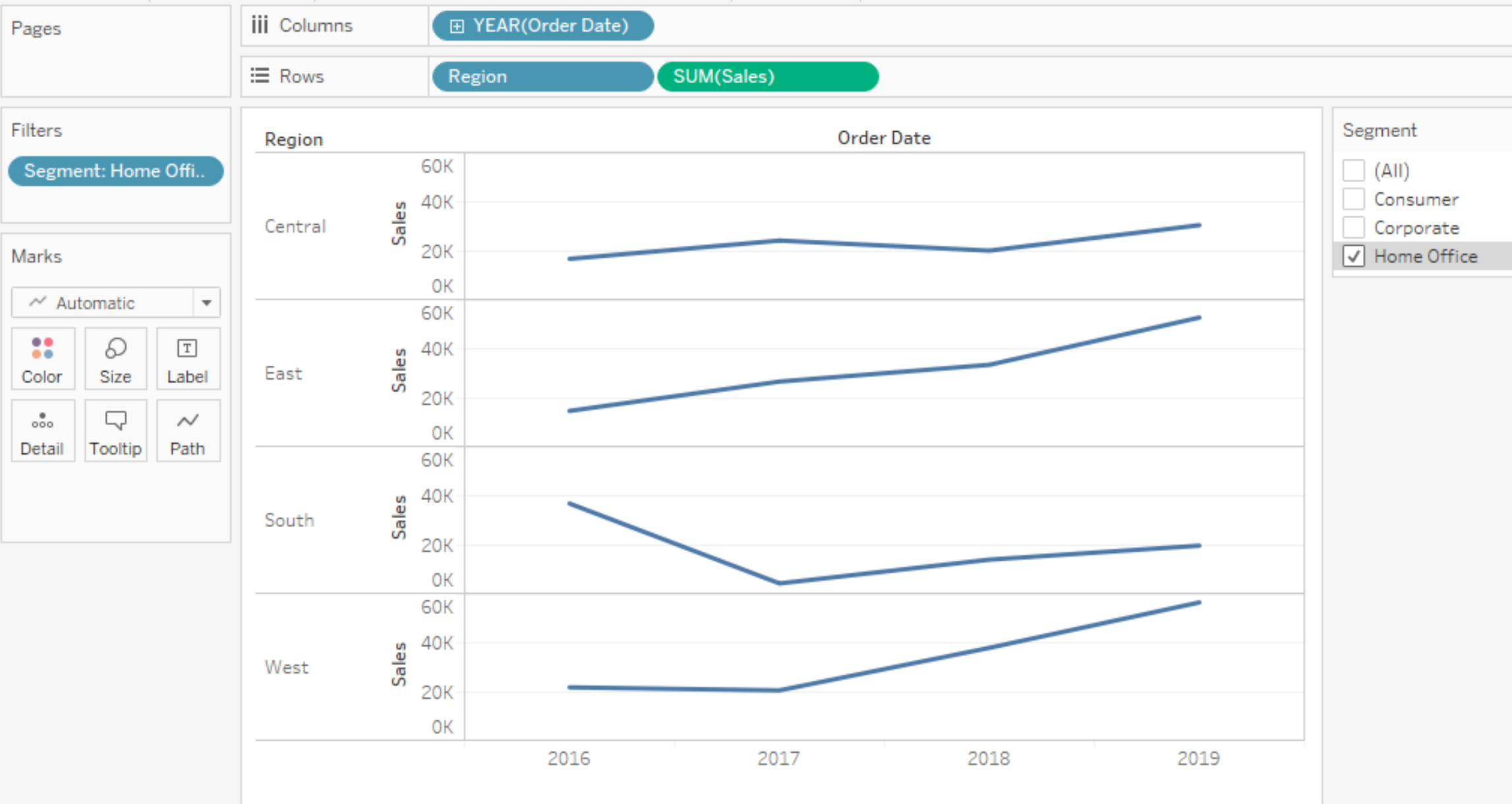
Add YEAR(Order Date), Region & Sales to the view;

Select Line under marks card

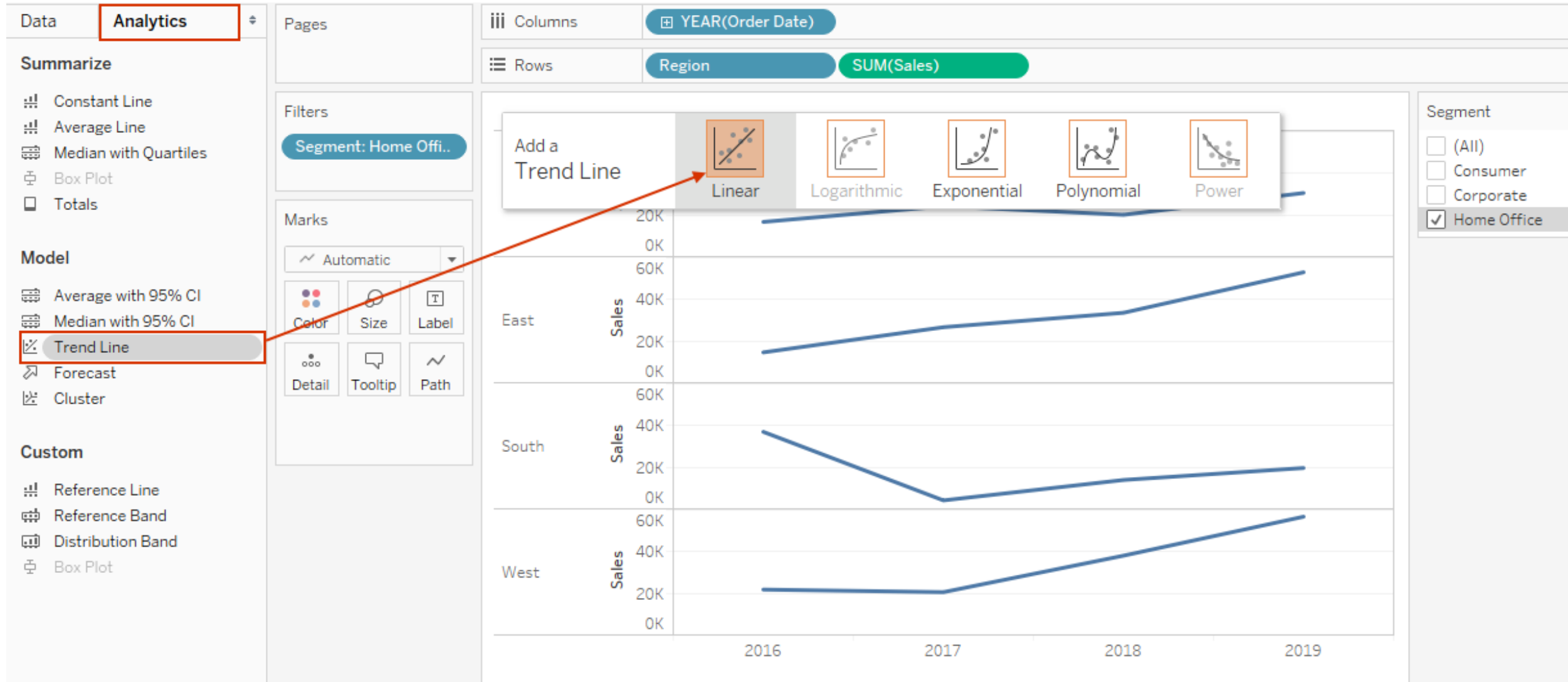
Columns	YEAR(Order Date)	
Rows	Region	SUM(Sales)



Add segment filter and select 'Home Office'



Under the Analytics pane, add a linear trendline



Columns

YEAR(Order Date)

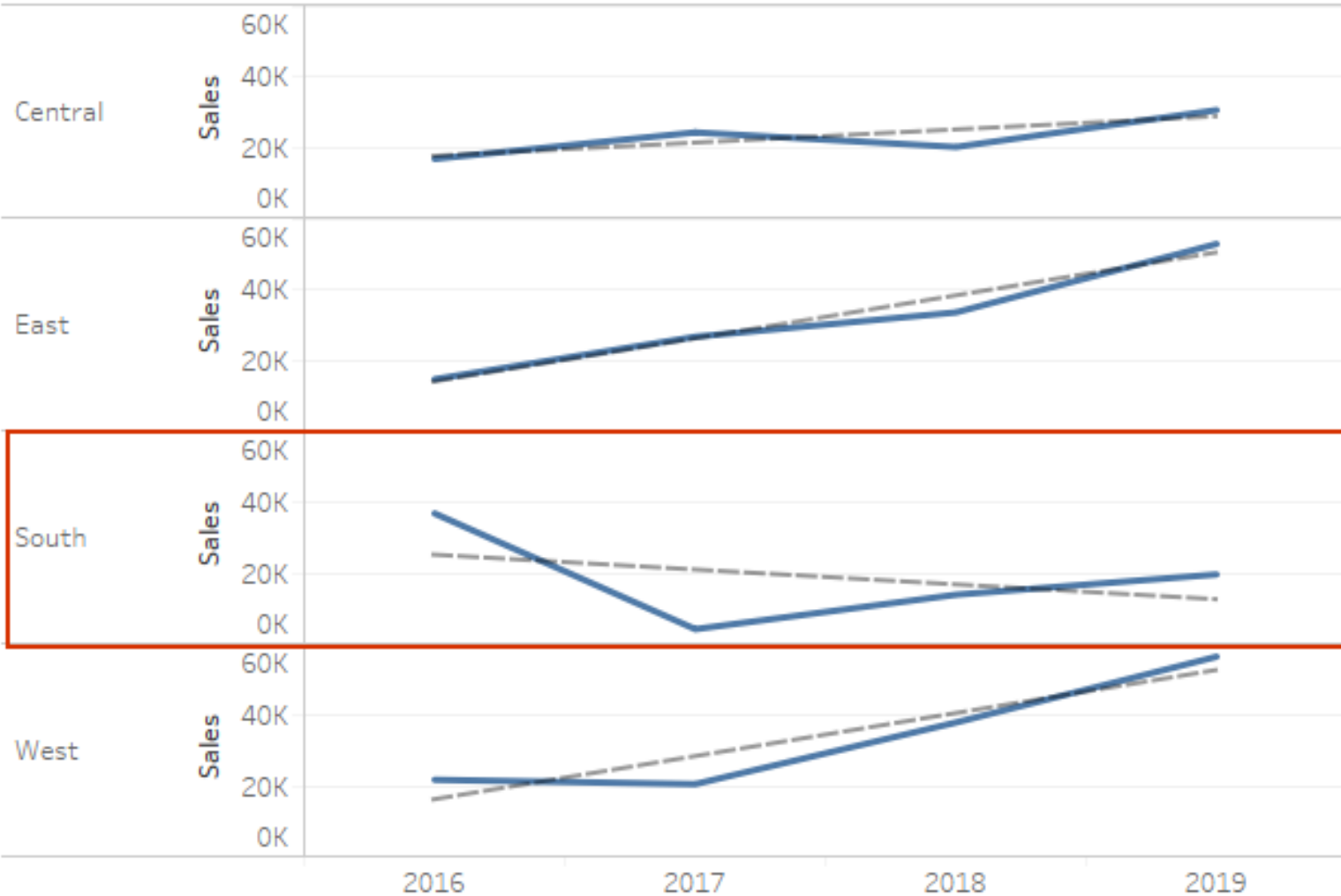
Rows

Region

SUM(Sales)

Region

Order Date



Segment

- ☐ (All)
- ☐ Consumer
- ☐ Corporate
- ☒ Home Office

Quiz 10: Which of the following is the best reason on why you should use an extract over a live connection?

- When you need the freshest data (last minute data)
- **When you need to work offline institution's database** ✓
- When your live database is very fast
- **When you want to access computations not supported by the live database** ✓

There are several reasons you will prefer an extract over a live connection,

- i. When you're working with a slow database
- ii. When you need to work offline institution's database
- iii. When you want to access computations not supported by the live database



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