

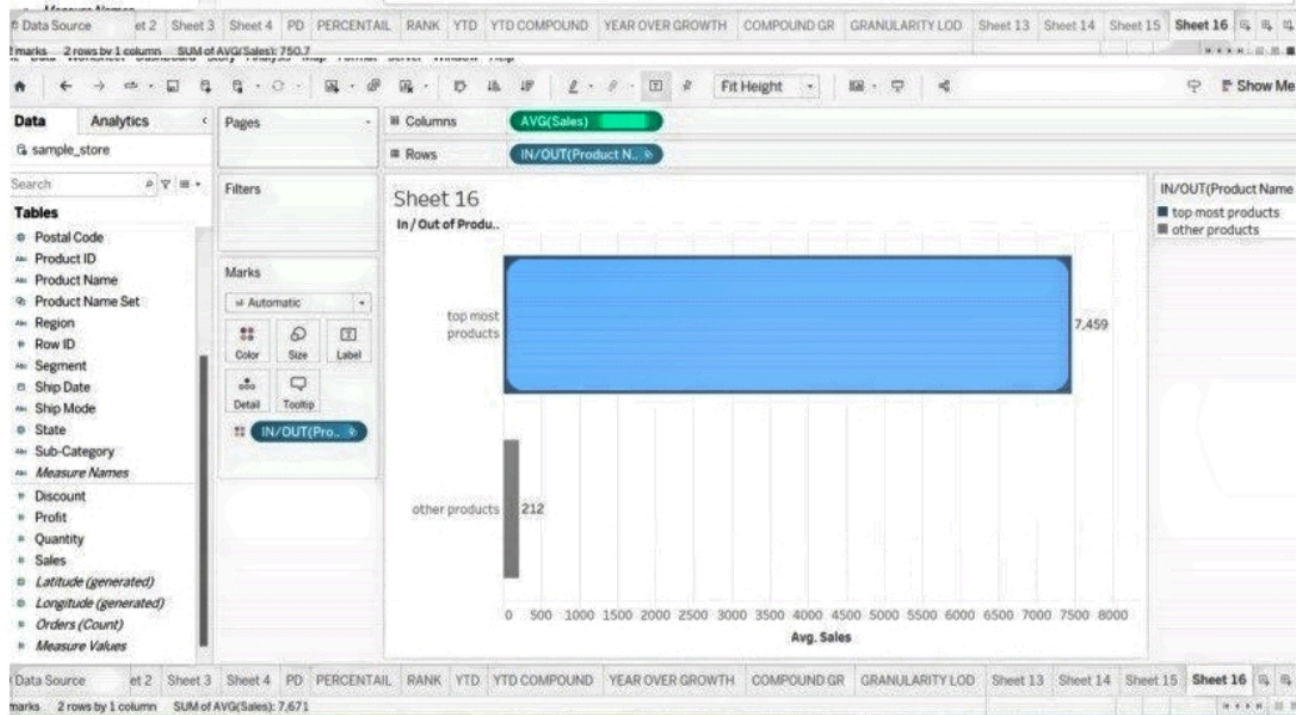
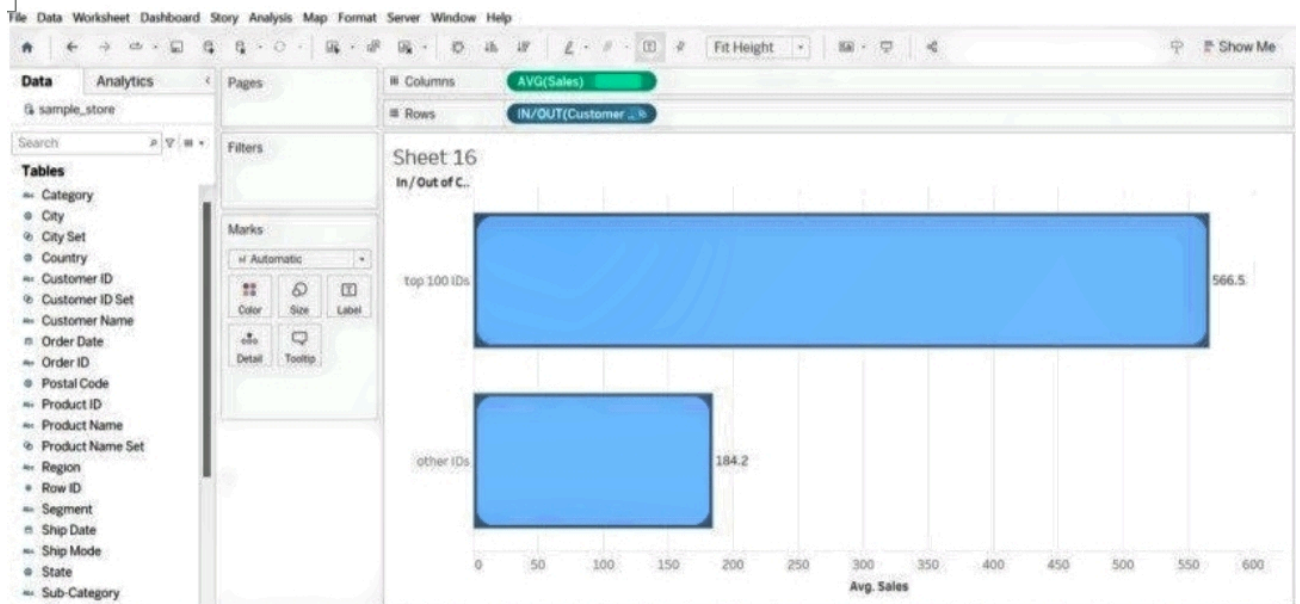
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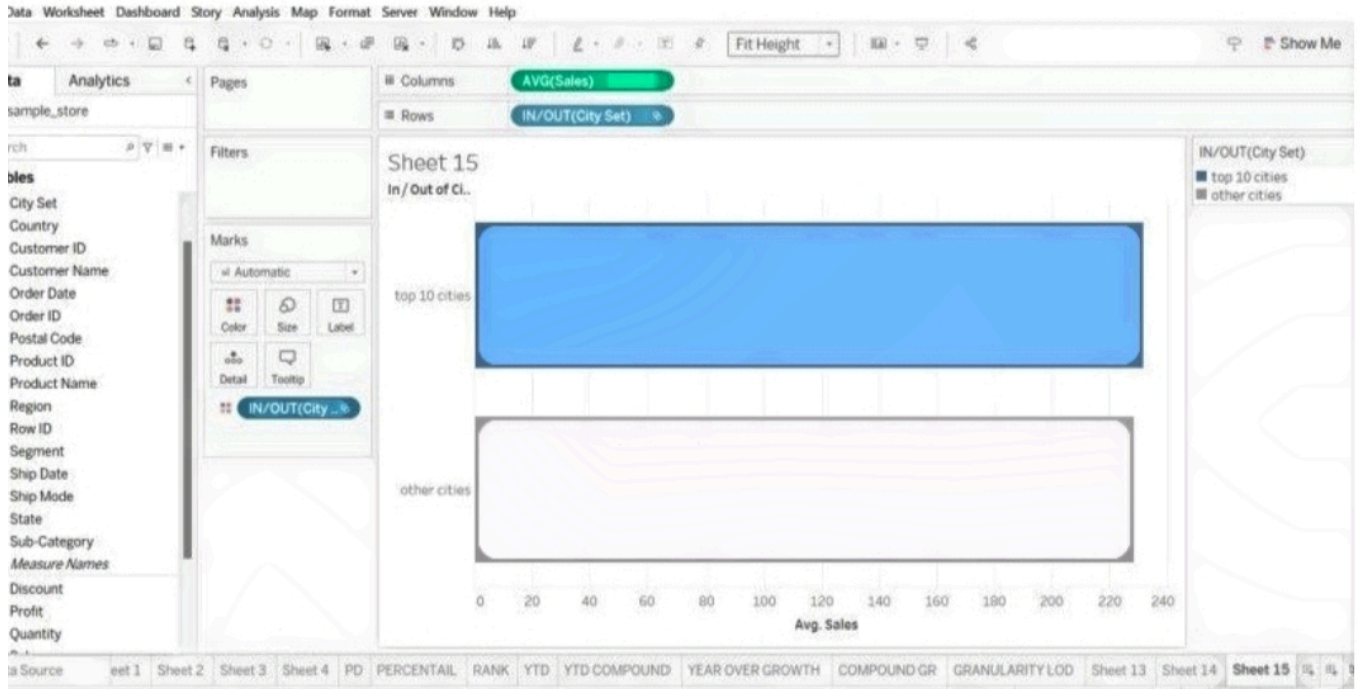
# DATA ANALYTICS

## Assignment 3

Name: Aritakula Tejeswari

- Define at least two sets based on specific criteria from your dataset (e.g., high-value customers, top-performing products).





- Experiment with combining sets using UNION, INTERSECT, and MINUS operation  
MINUS, INSERT, UNION

connections Add

Bookshop Microsoft Excel

sets

Use Data Interpreter  
Data Interpreter might be able to clean your Microsoft Excel workbook.

Author  
Award  
Book  
Checkouts  
Edition  
Info  
Publisher  
Ratings  
Sales Q1  
Sales Q2  
Sales Q3  
New Union  
New Table Extension

Book is made of 2 tables. ⓘ

Book Info

Join  
Inner Left Right Full Outer  
Data Source Info  
Book ID = [BookID1]...

Book 9 fields 58 rows 58

Name	Book
Book ID	MM424
Title	(im)Mortality
Auth ID	CW626
BookID1	MM
	4
	NR695
	9803 North Millwor...
	CS190
	NR
	6
	AM124
	A Horrible Human ...
	KDS40
	AM
	1
	AK974
	Adventures of Kaya
	WH901
	AK
	9

connections  
Bookshop

Add



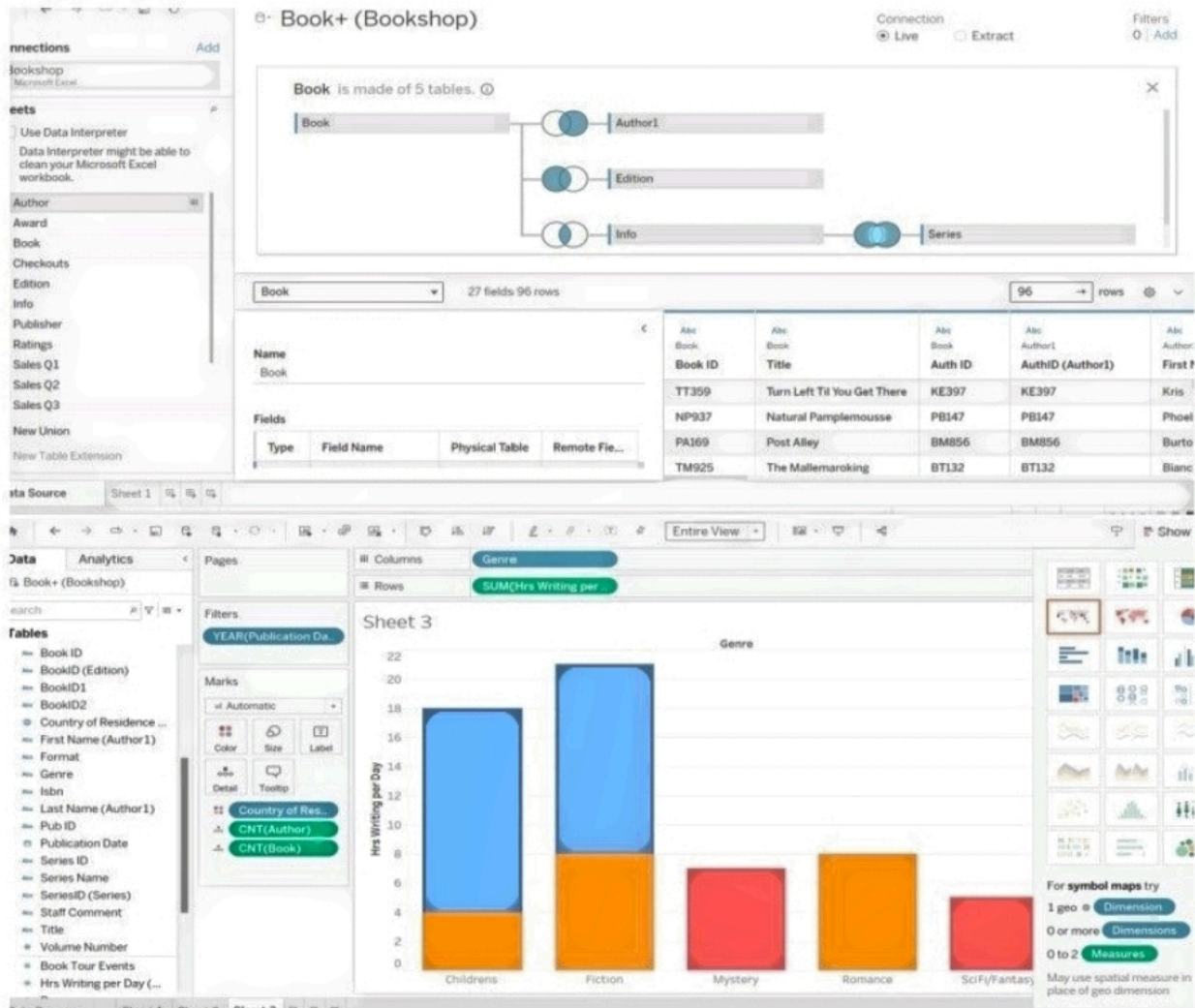
Book is made of 2 tables

Microsoft Excel

Use Data Interpreter

Data Interpreter might be able to clean your Microsoft Excel workbook

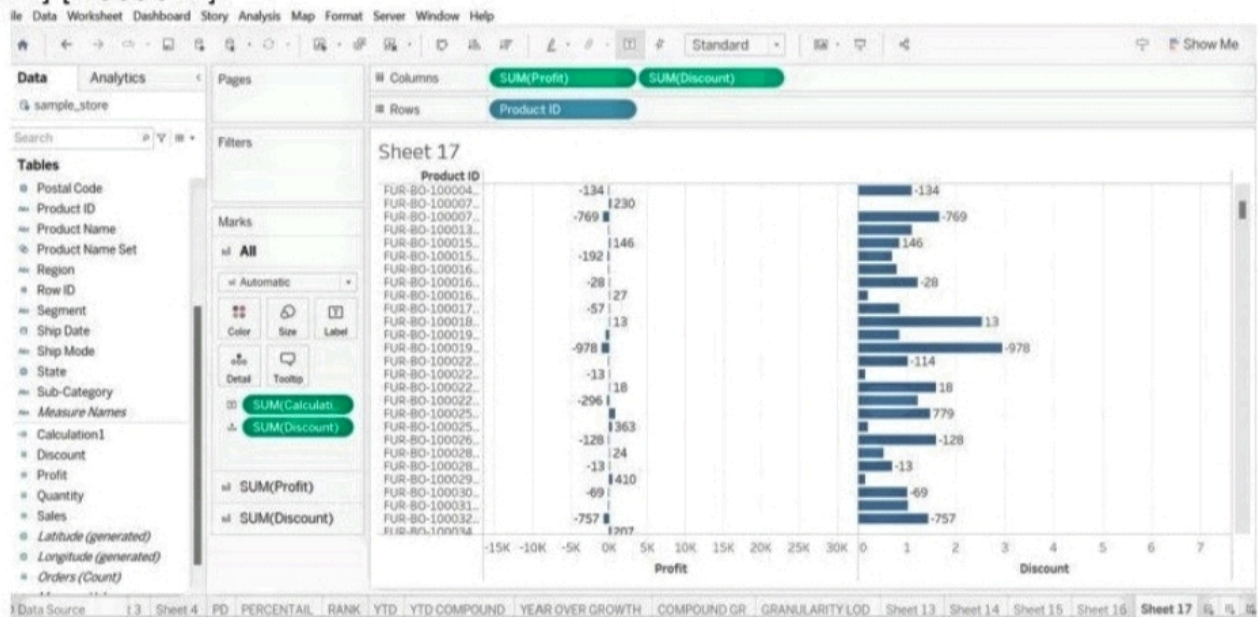
- Author
- Award
- Book
- Checkouts
- Edition



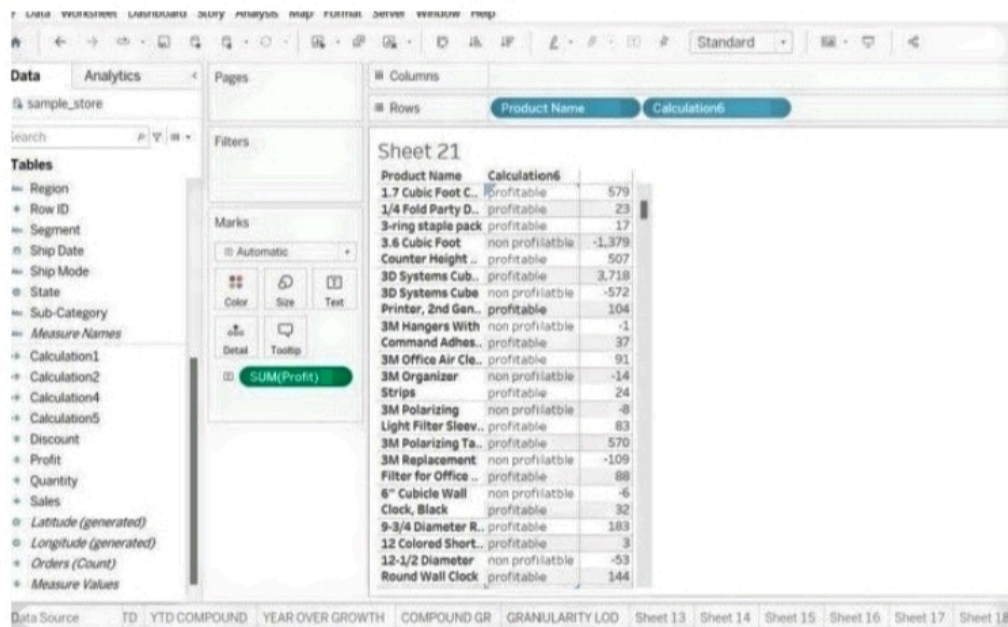


- Create 2 Calculation field using any aggregate function

[PROFIT]-[DISCOUNT]:

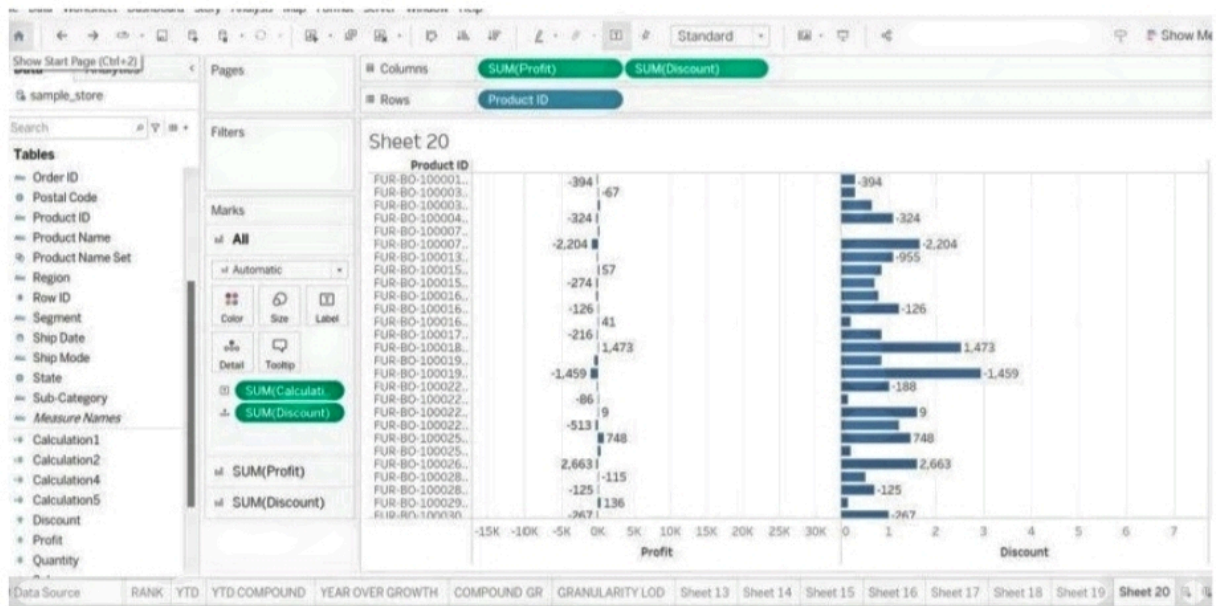


IF[PROFIT] > 0 THEN "PROFITABLE"



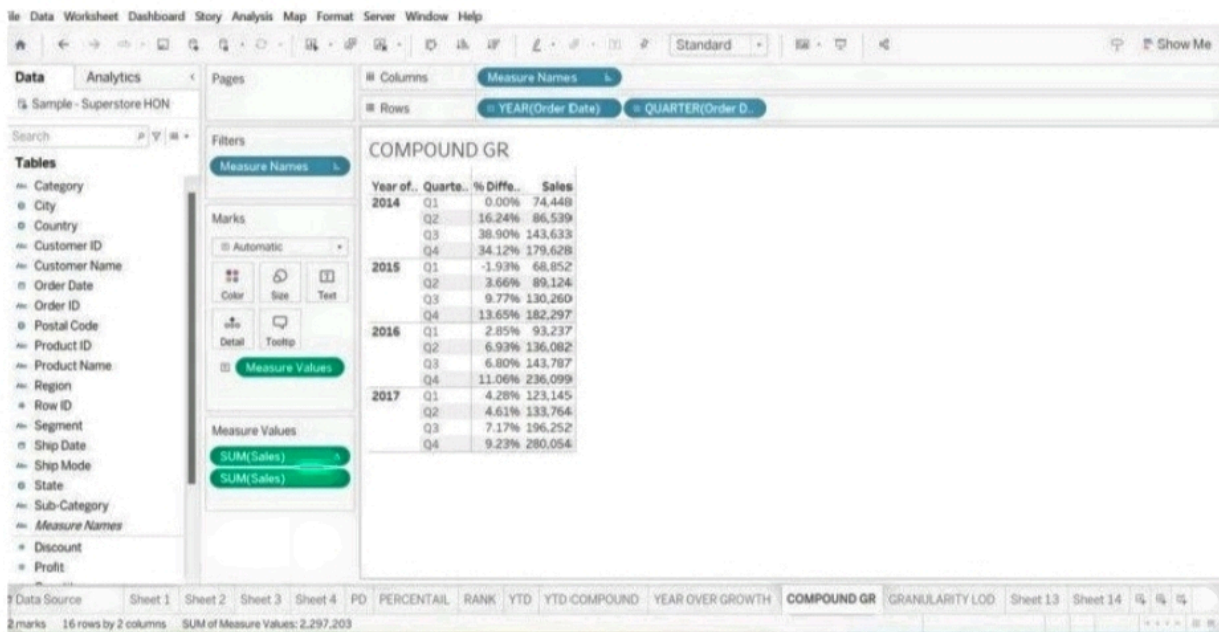
ELSE "NON PROFITABLE" END

Show Me

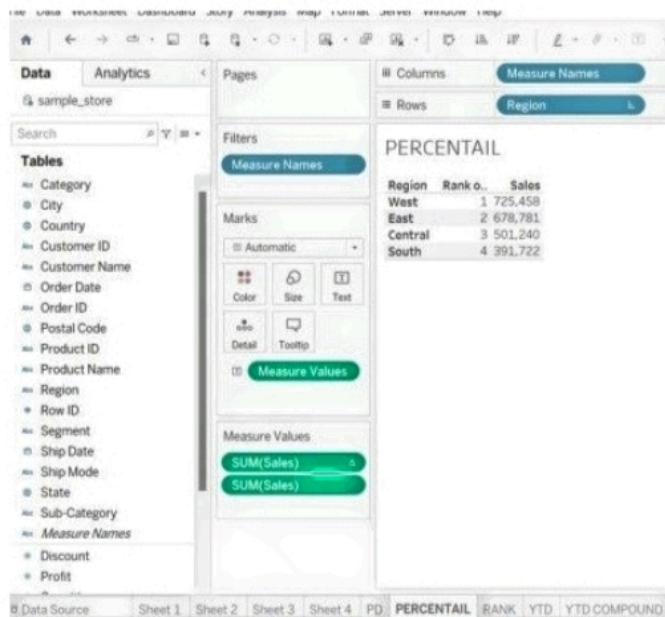
$$([PROFIT] - [DISCOUNT]) / ABS([DISCOUNT])$$


- 3 visualization using quick Table Calculations Dataset

COMPOUND GROWTH RATE:



## PERCENTAIL

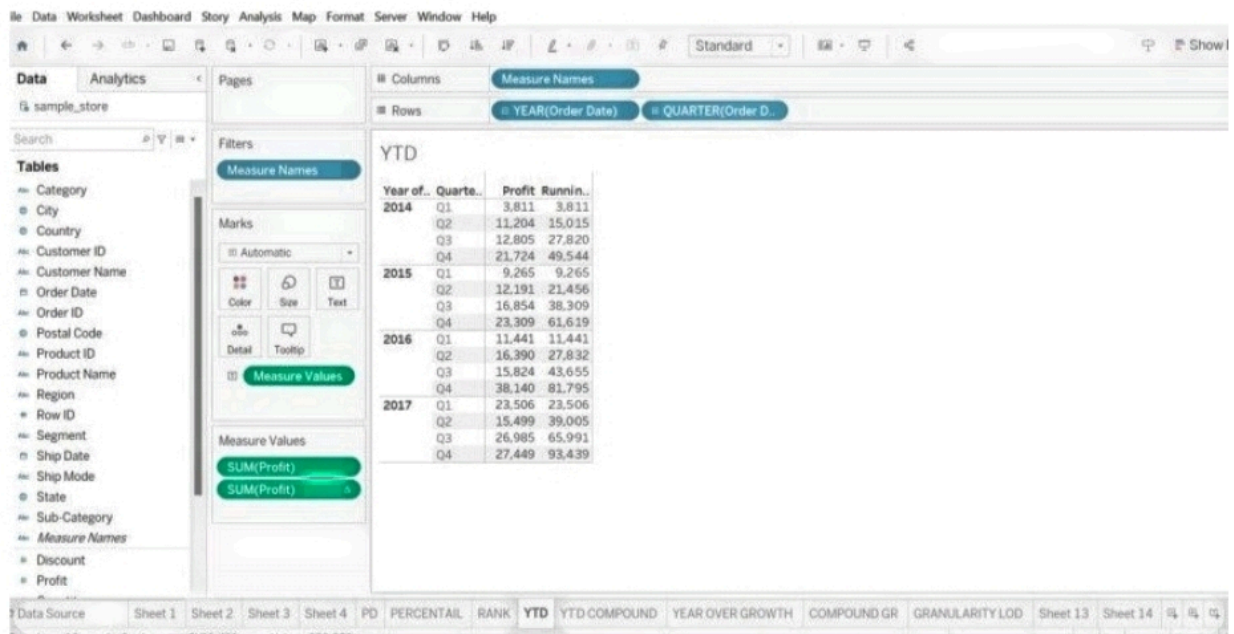


Sta d

YEAR OVERGROWTH coupoUND GR GRANULARITY LOD

Sheet 13 Sheet 14

## YEAR TO DATE:



## YEAR TO DATE

## YEAR TO DATE

## COMPOUND:

YTD COMPOUND

Year of	Month of	% Diff	Sales
2014	January	97.70%	33,992
2014	April	25.73%	28,295
2014	May	13.53%	23,648
2014	June	19.43%	34,595
2014	July	15.58%	33,946
2014	August	10.09%	27,909
2014	September	24.42%	81,777
2014	October	9.21%	31,453
2014	November	18.64%	78,629
2014	December	15.51%	69,546
2015	January	2.06%	18,174
2015	February	-1.34%	11,951
2015	March	7.41%	38,726
2015	April	6.02%	34,195
2015	May	4.80%	30,132
2015	June	3.32%	24,797
2015	July	3.98%	28,765
2015	August	5.14%	38,898
2015	September	7.85%	64,596
2015	October	3.84%	31,405
2015	November	7.91%	75,973
2015	December	7.49%	74,920
2016	January	1.11%	18,542
2016	February	1.93%	22,979
2016	March	5.00%	61,716

Bookshopxlsx

Sample - Superstore  
(5)xls