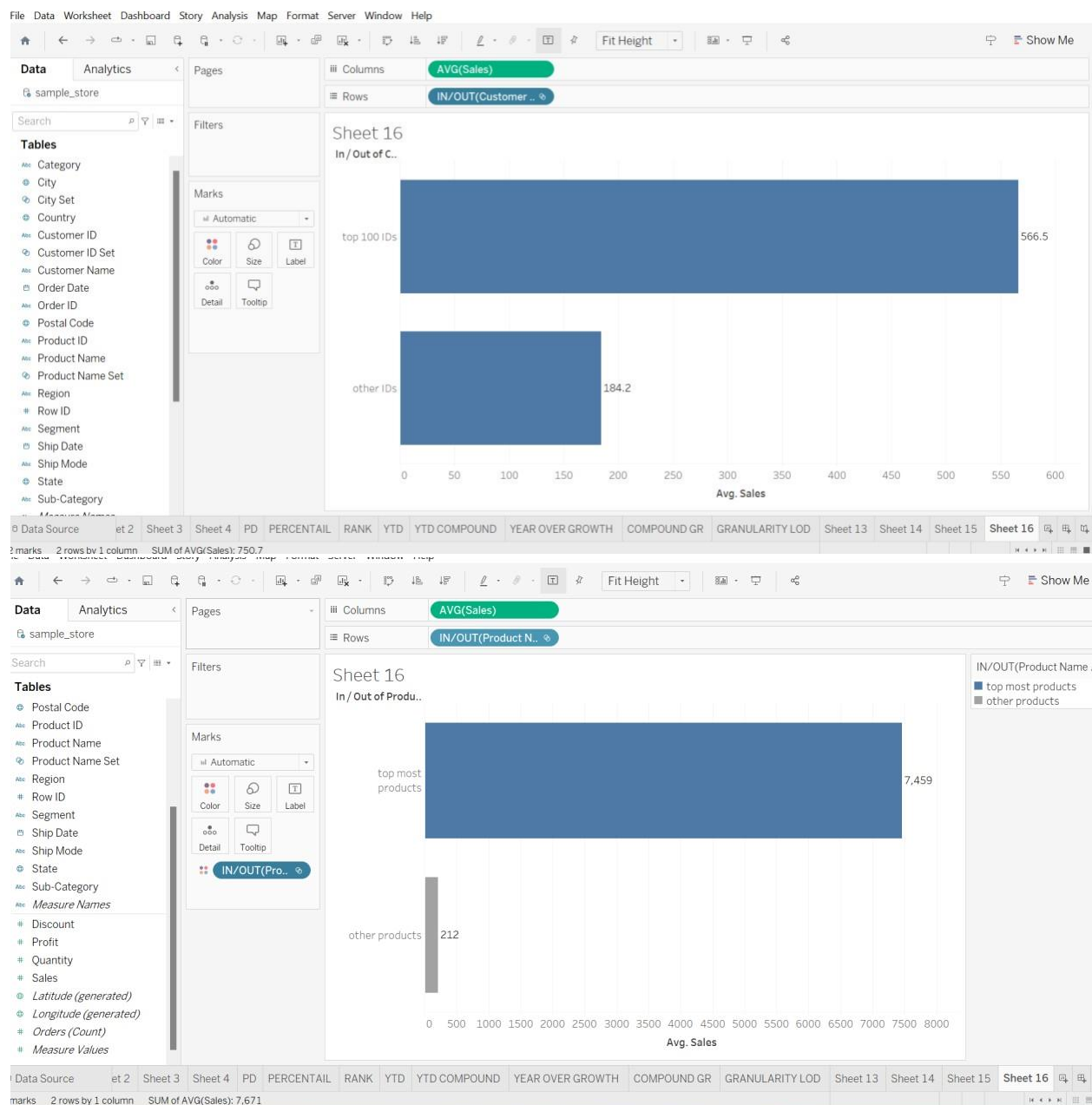
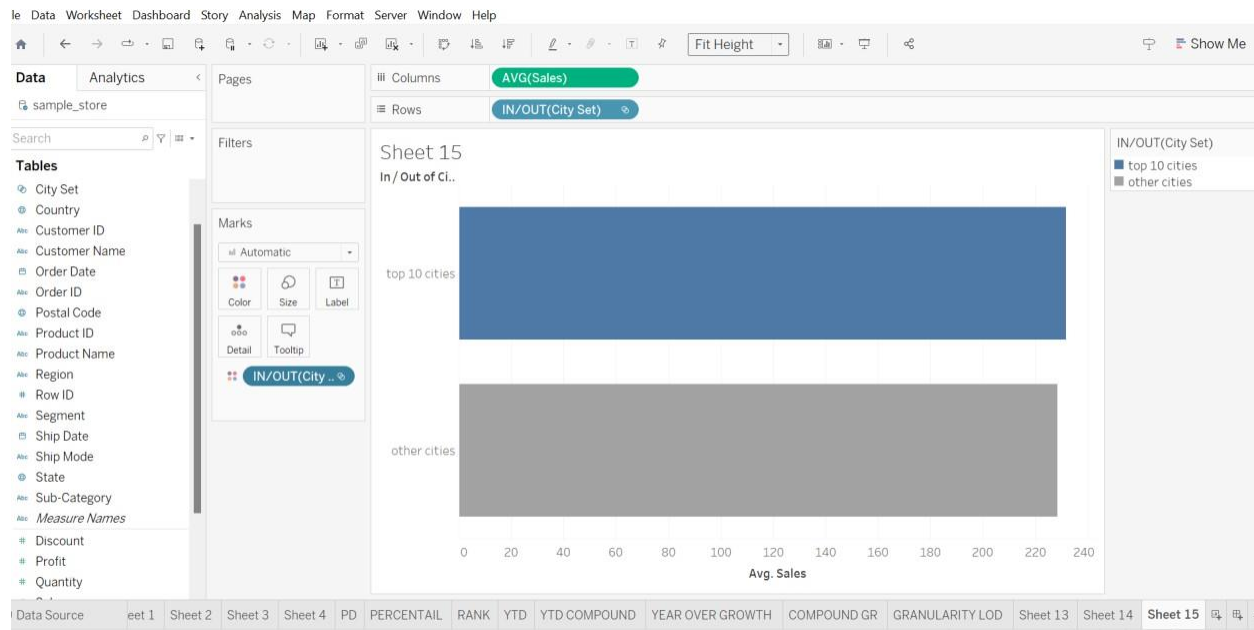


# DATA ANALYTICS

## ASSIGNMENT - 3

- 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 operations.  
**MINUS, INSERT, UNION**

Connections Add

Bookshop Microsoft Excel

Fields

Use Data Interpreter

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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

Book ID = [BookID1]...

Add new join...

Book 9 fields 58 rows

58 rows

Book ID	Title	Auth ID	BookID1	BookID2
MM424	(im)Mortality	CW626	MM	424
NR695	9803 North Millwor...	CS190	NR	695
AM124	A Horrible Human ...	KD840	AM	124
AK974	Adventures of Kaya	WH901	AK	974

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Book+ (Bookshop)

Connection

Live

Extract

Filters

0 | Add

Book is made of 5 tables.

Book

Author1

Edition

Info

Series

Book

27 fields 96 rows

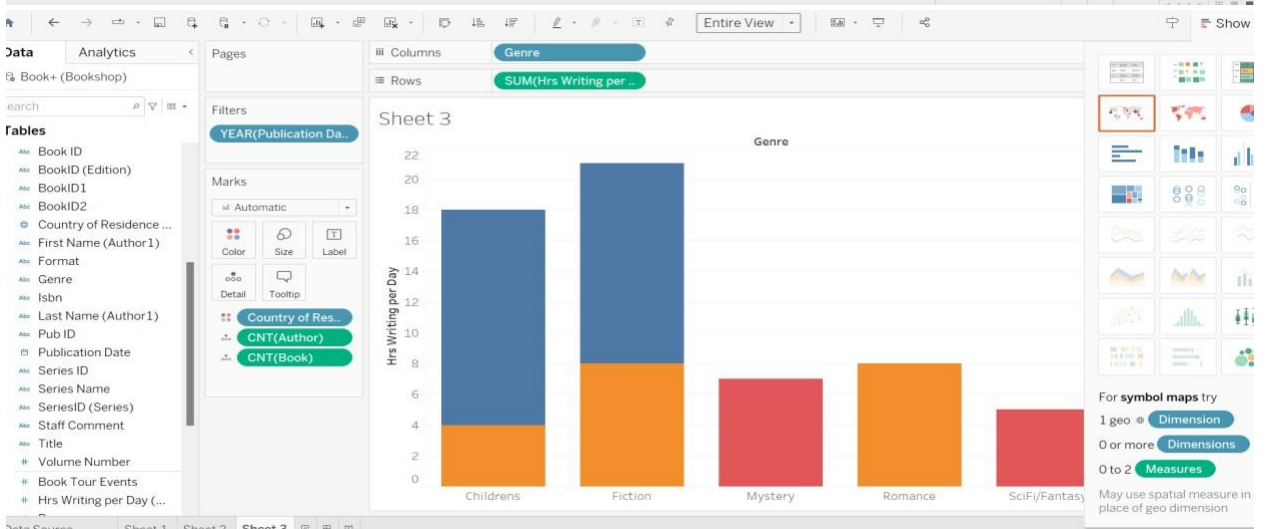
96 rows

Name

Book

Fields

Type	Field Name	Physical Table	Remote File
Book	Book ID		
Book	Title		
Book	Auth ID		
Book	AuthID (Author1)		
Book	First Name		



Columns

Genre

Rows

SUM(Hrs Writing per ...)

Sheet 3

Genre

Genre	Hrs Writing per Day
Childrens	18
Fiction	22
Mystery	7
Romance	8
SciFi/Fantasy	5

For symbol maps try

1 geo @ Dimension

0 or more Dimensions

0 to 2 Measures

May use spatial measure in place of geo dimension

Connections

Bookshop

Microsoft Excel

Sheets

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Author

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Book

Checkouts

Edition

Info

Publisher

Ratings

Sales Q1

Sales Q2

Sales Q3

New Union

New Table Extension

Book+ (Bookshop)

Connection

Live

Extract

Filters

0 | Add

Book is made of 2 tables.

Book

Info

Book

9 fields 58 rows

58 rows

Name

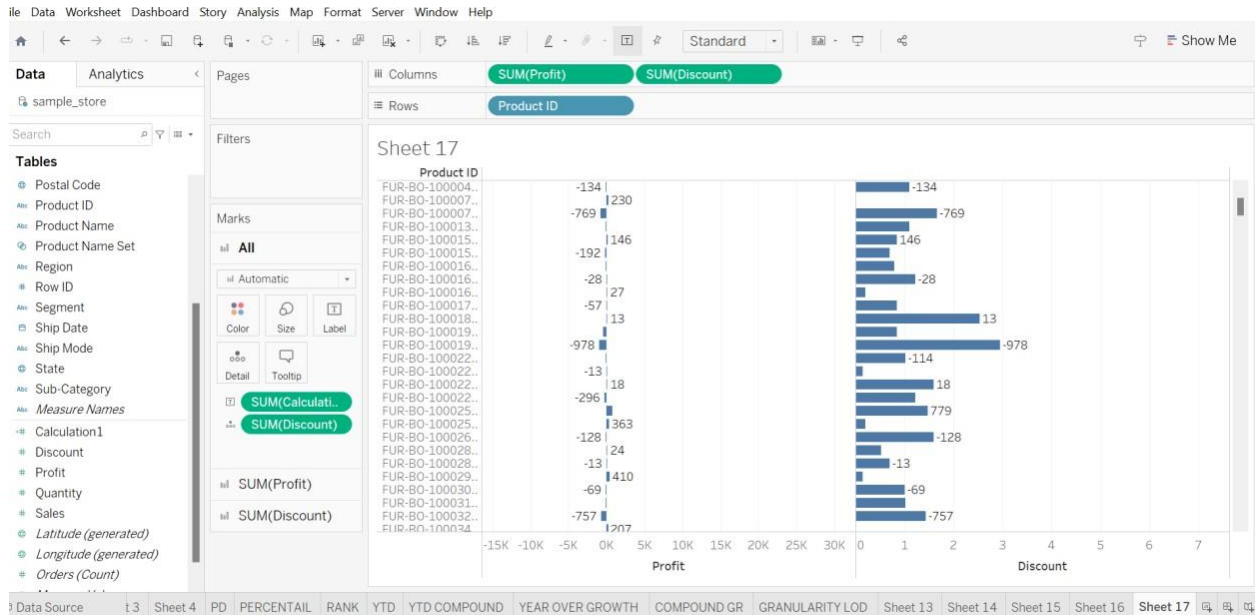
Book

Fields

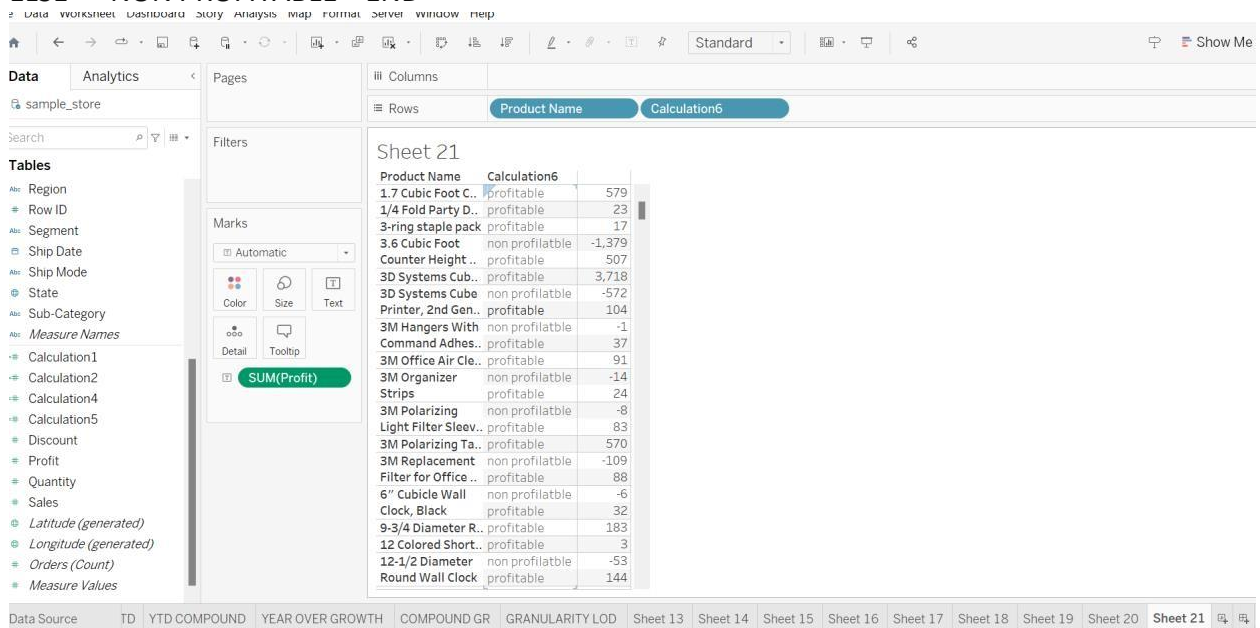
Type	Field Name	Physical Table	Remote File
Book	Book ID		
Book	Title		
Book	Auth ID		
Book	BookID1		
Book	BookID2		
Book	First Name		

- Create 2 Calculation field using any aggregate function

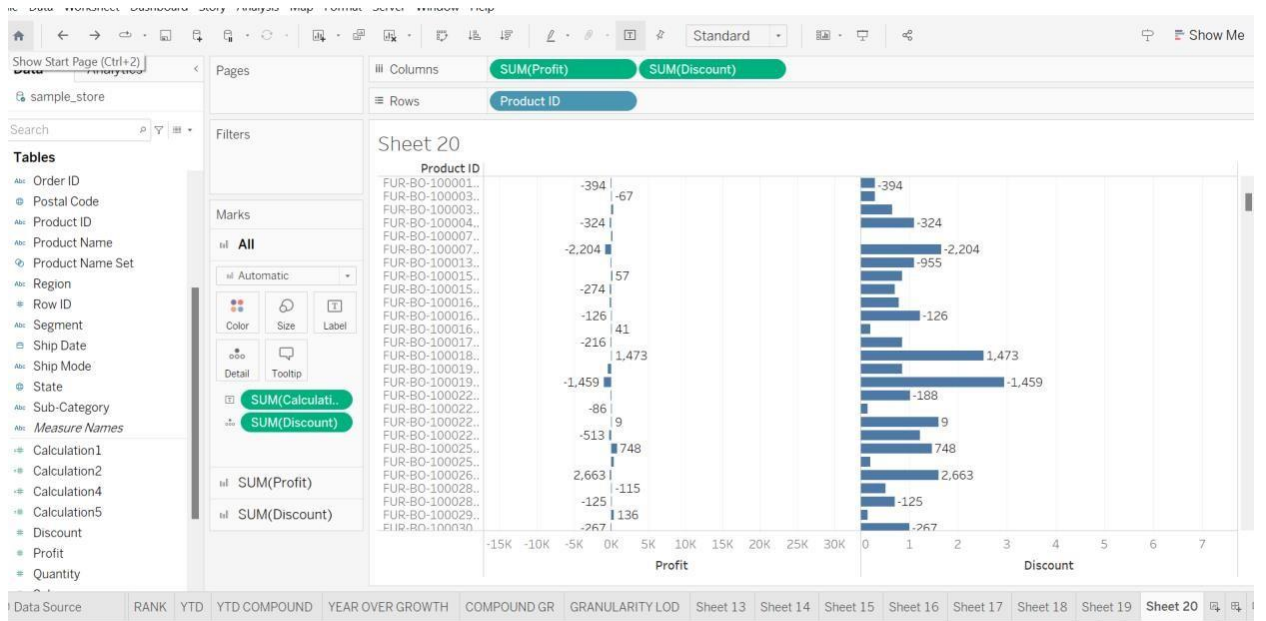
[PROFIT]-[DISCOUNT]:



IF[PROFIT] > 0 THEN "PROFITABLE"  
ELSE "NON PROFITABLE" END

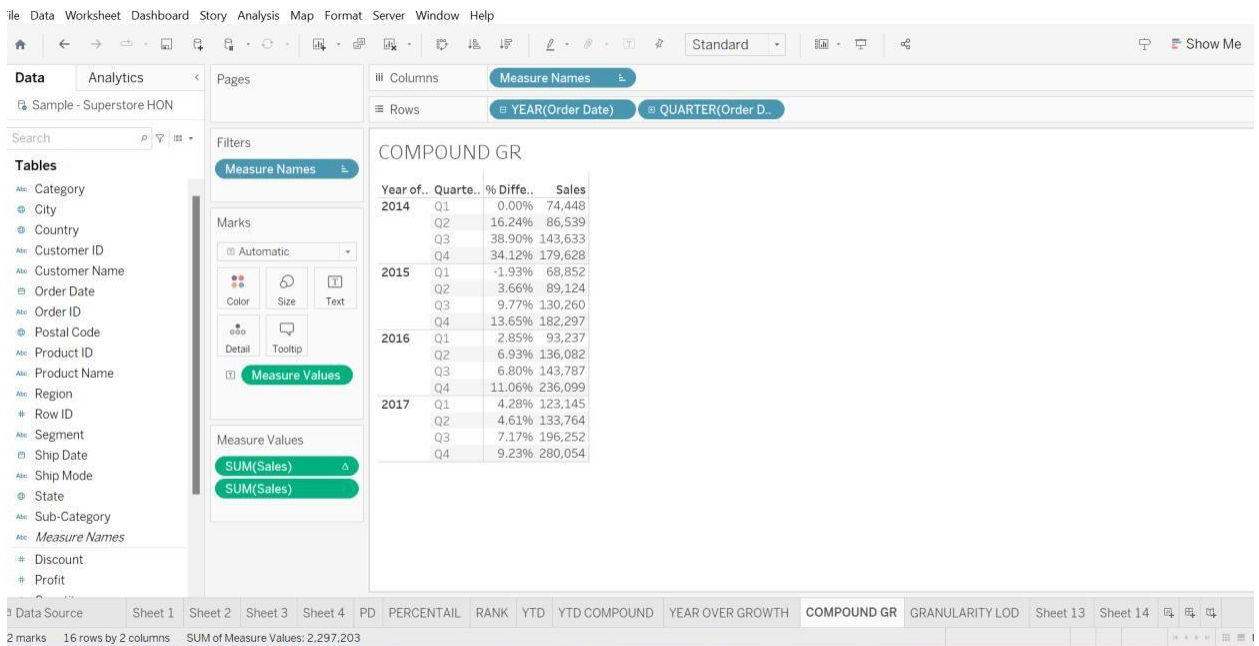


$([PROFIT] - [DISCOUNT]) / ABS([DISCOUNT])$

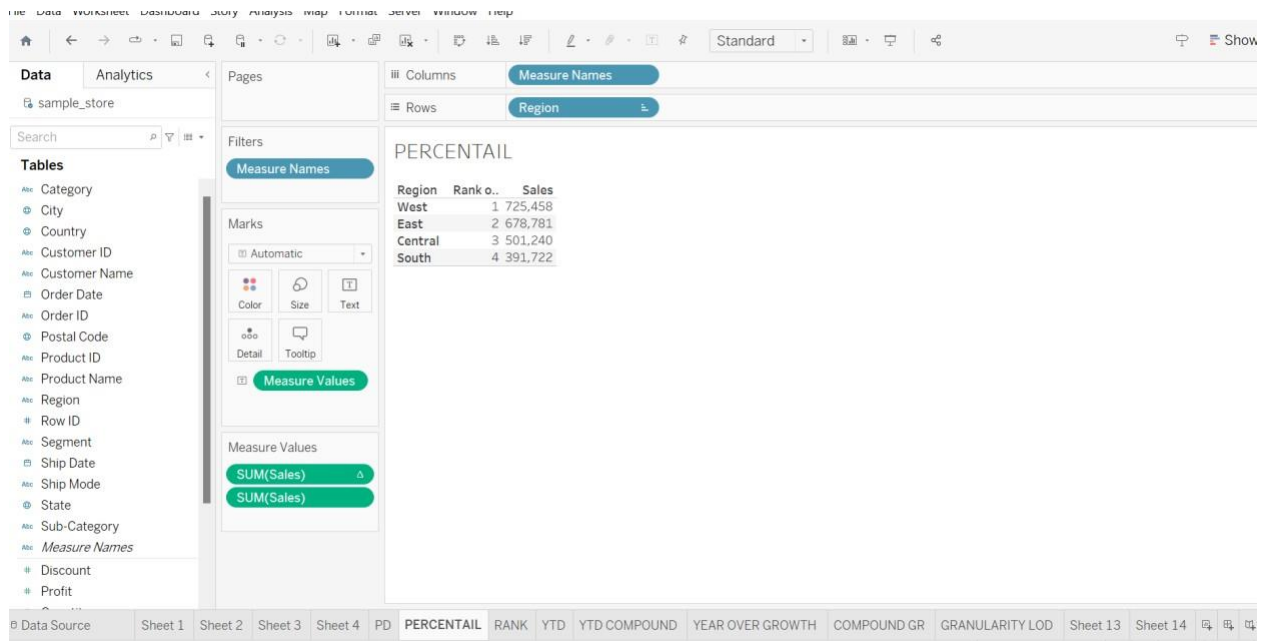


- 3 visualization using quick Table Calculations Dataset

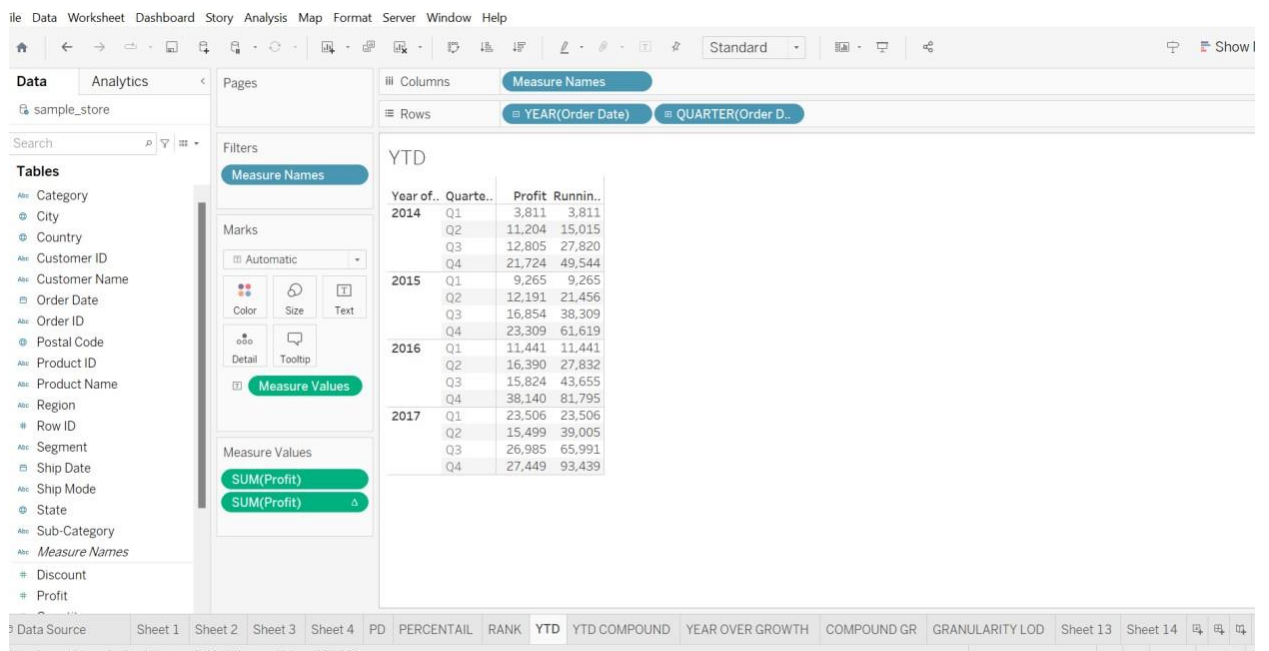
COMPOUND GROWTH RATE:



## PERCENTAIL

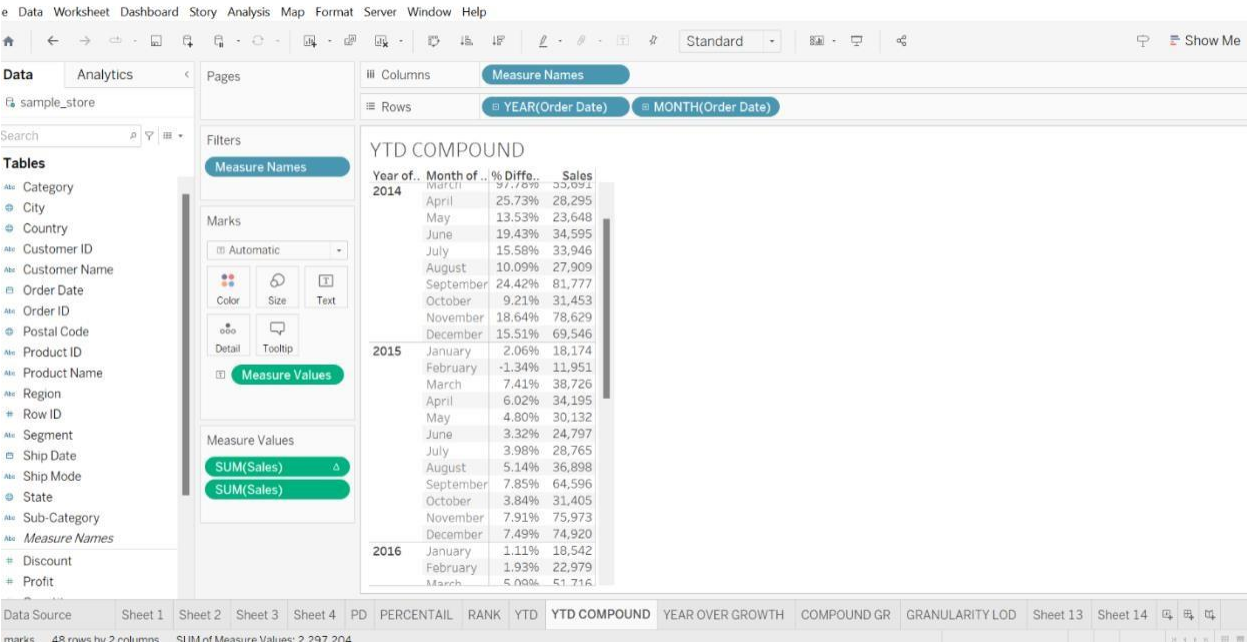


## YEAR TO DATE:





YEAR TO DATE COMPOUND:



Bookshop.xlsx



Sample - Superstore  
(5).xls