

# DATA ANALYTICS

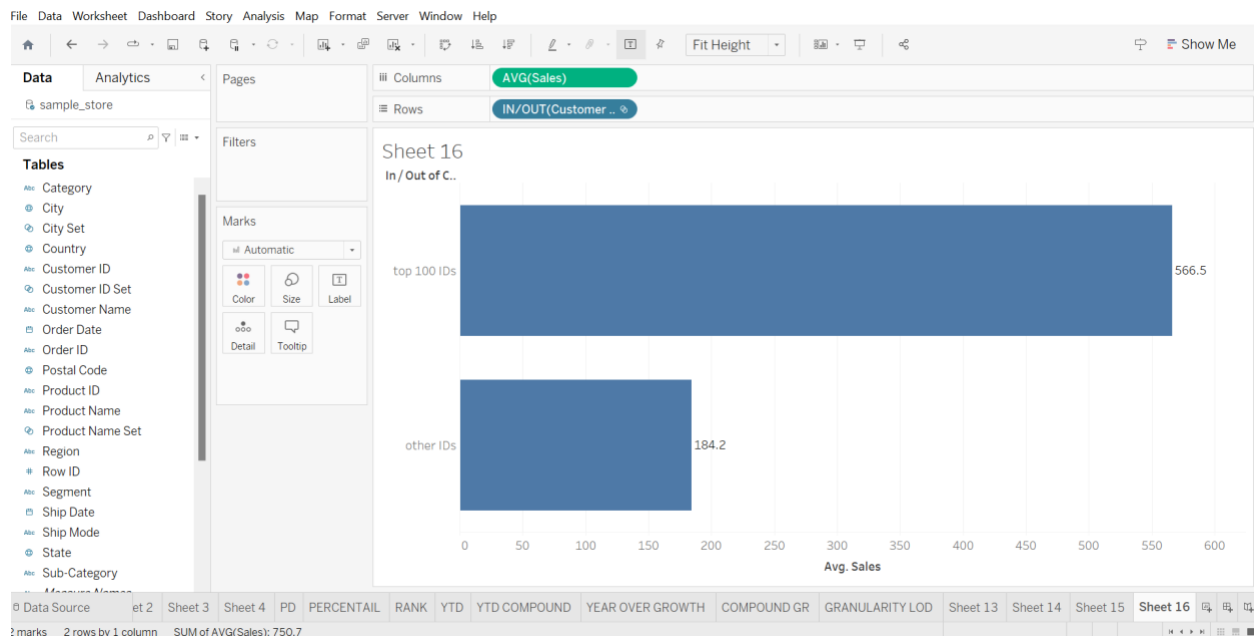
## ASSIGNMENT-3

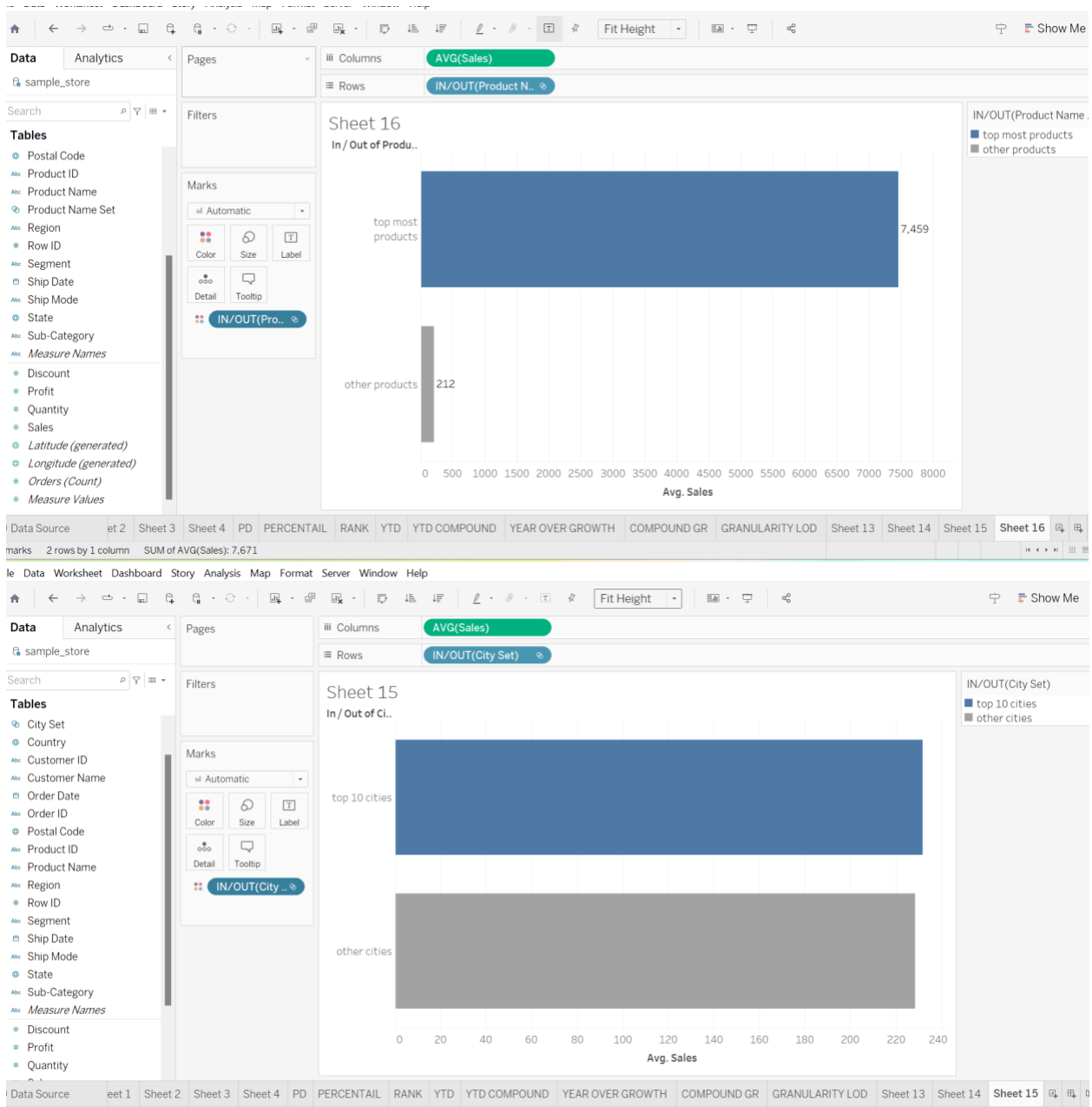
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20KH1A0540

- 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

Bookshop

Microsoft Excel

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

Book ID

=

[BookID1]...

Info

Add new join...

Book

9 fields 58 rows

58 rows

Name

Book

Fields

Type	Field Name	Physical Table	Remote File
Abc Book	Book ID		
Abc Book	Title		
Abc Book	Auth ID		
Abc Info	BookID1		
Abc Info	BookID2		
	MM424	(im)Mortality	CW626
	NR695	9803 North Millwor...	CS190
	AM124	A Horrible Human ...	KD840
	AK974	Adventures of Kaya	WH901

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Book

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Join

Inner

Left

Right

Full Outer

Data Source

Book ID

=

[BookID1]...

Info

Add new join...

Book

9 fields 58 rows

96 rows

Name

Book

Fields

Type	Field Name	Physical Table	Remote File
Abc Book	Book ID		
Abc Book	Title		
Abc Book	Auth ID		
Abc Info	BookID1		
Abc Info	BookID2		
	MM424	(im)Mortality	CW626
	NR695	9803 North Millwor...	CS190
	AM124	A Horrible Human ...	KD840
	AK974	Adventures of Kaya	WH901

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Edition

Info

Publisher

Ratings

Sales Q1

Sales Q2

Sales Q3

New Union

New Table Extension

Book+ (Bookshop)

Book is made of 5 tables.

Book

Author1

Edition

Info

Series

Join

Inner

Left

Right

Full Outer

Data Source

Book ID

=

[BookID1]...

Info

Add new join...

Book

27 fields 96 rows

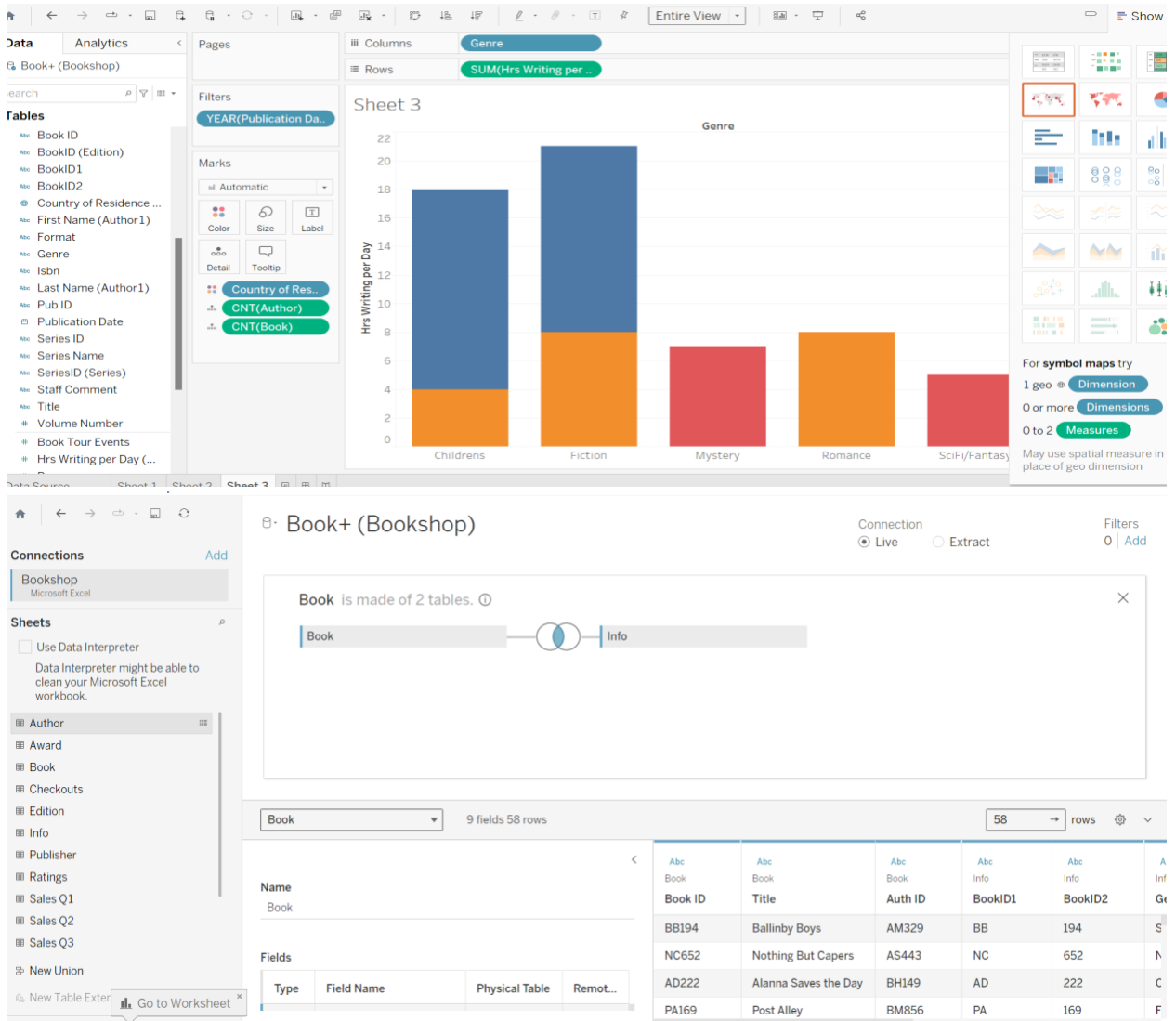
96 rows

Name

Book

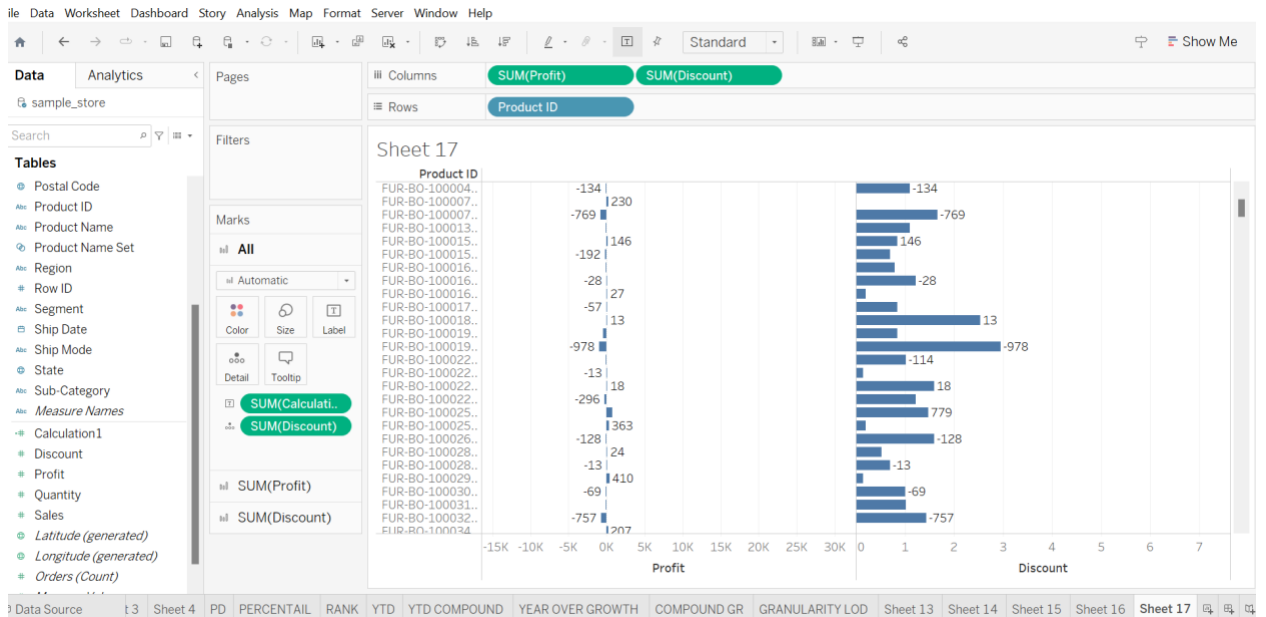
Fields

Type	Field Name	Physical Table	Remote File
Abc Book	Book ID		
Abc Book	Title		
Abc Book	Auth ID		
Abc Author1	AuthID (Author1)		
Abc Author1	First Name		
	TT359	Turn Left Til You Get There	KE397
	NP937	Natural Pamplemousse	PB147
	PA169	Post Alley	BM856
	TM925	The Mallemarkoking	BT132

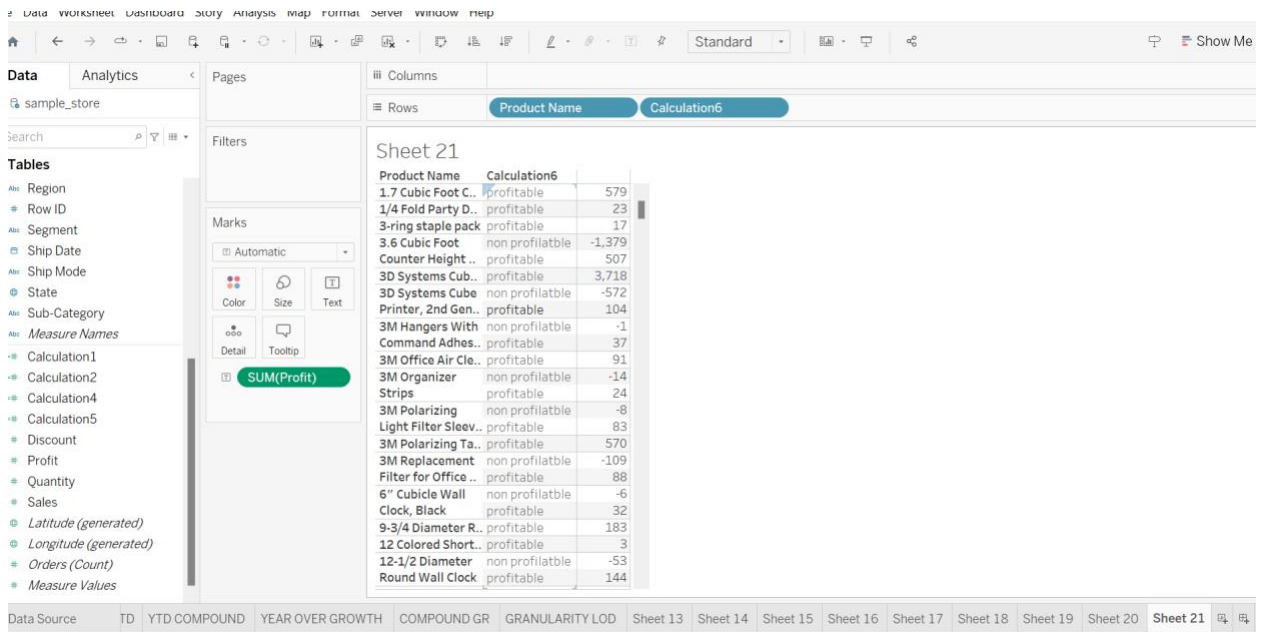


- Create 2 Calculation field using any aggregate function

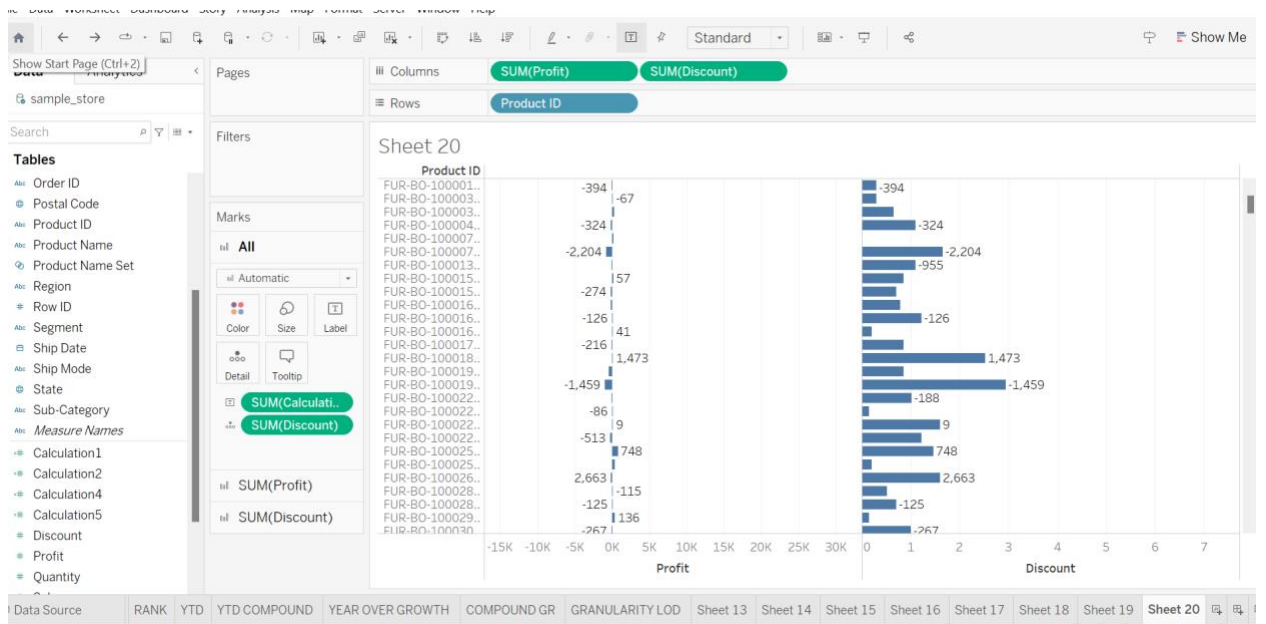
[PROFIT]-[DISCOUNT]:



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

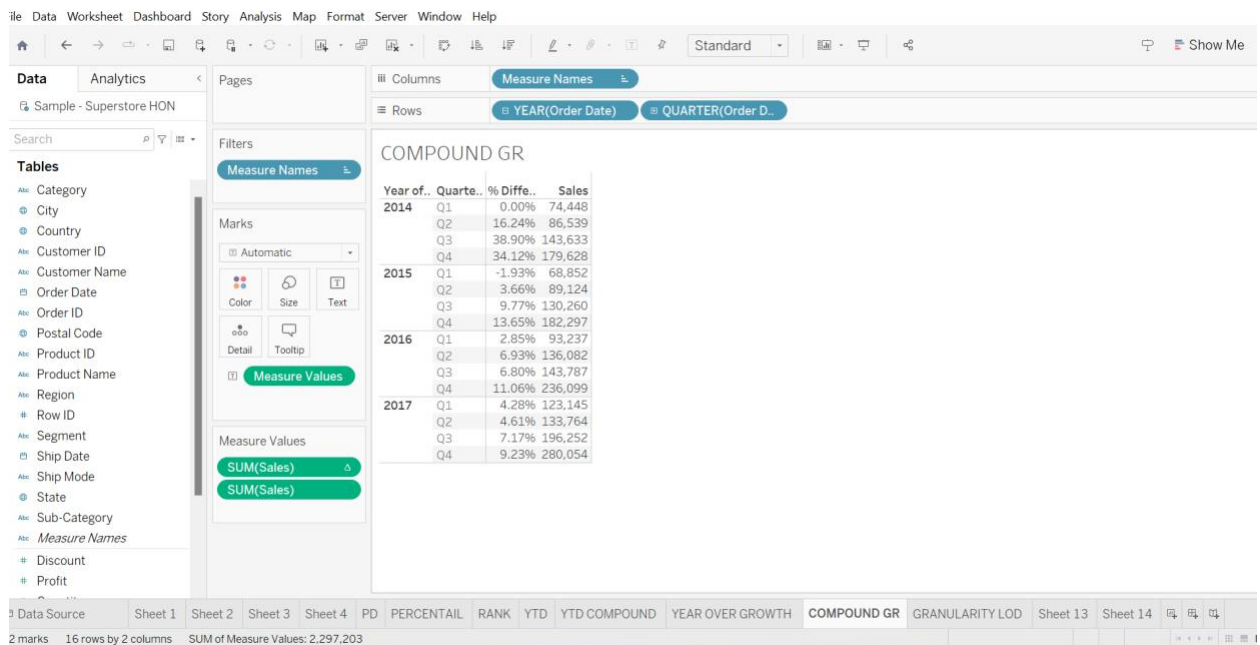


(([PROFIT] - [DISCOUNT]) / ABS([DISCOUNT]))

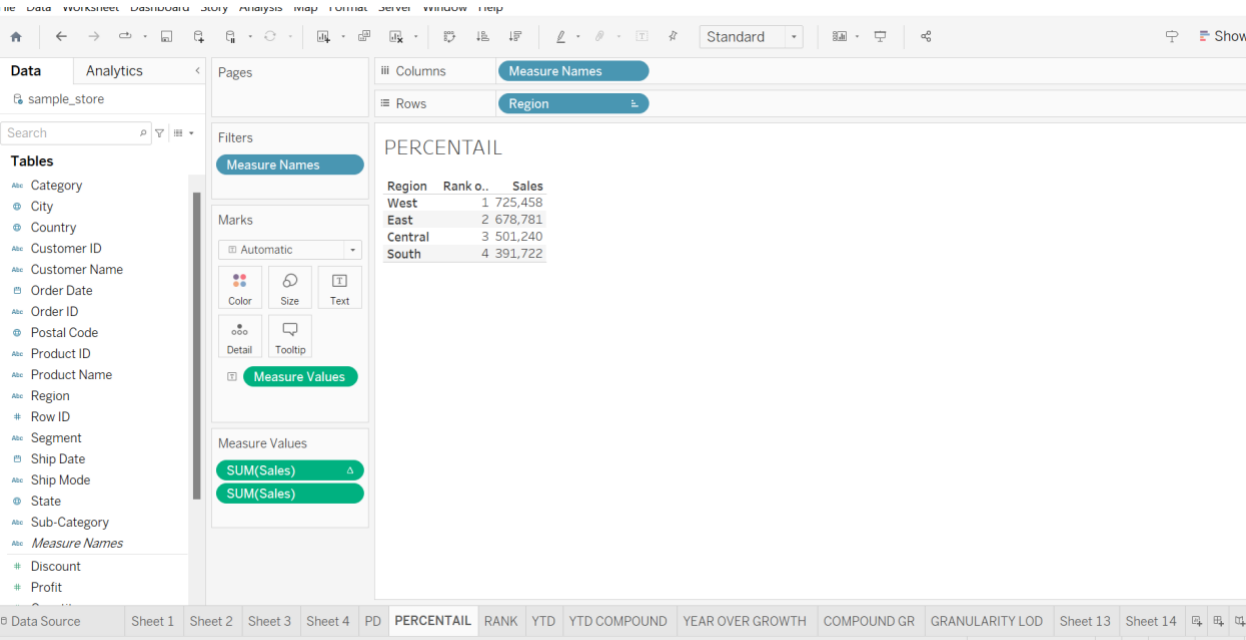


- 3 visualization using quick Table Calculations Dataset

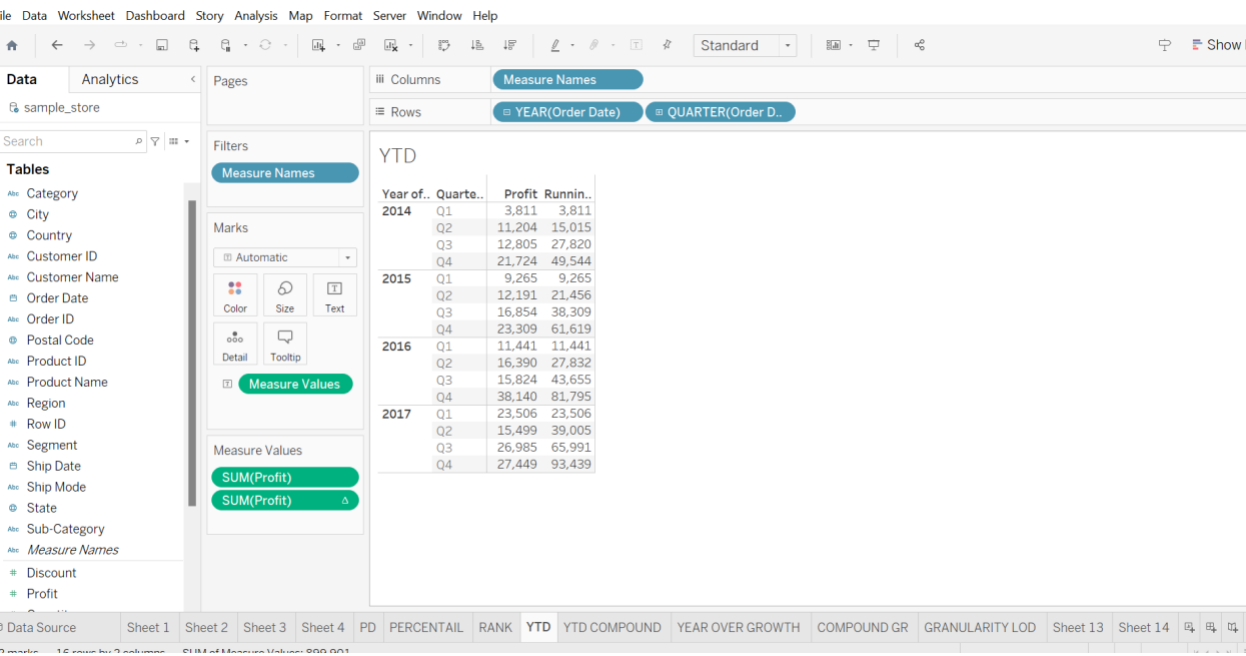
## COMPOUND GROWTH RATE:



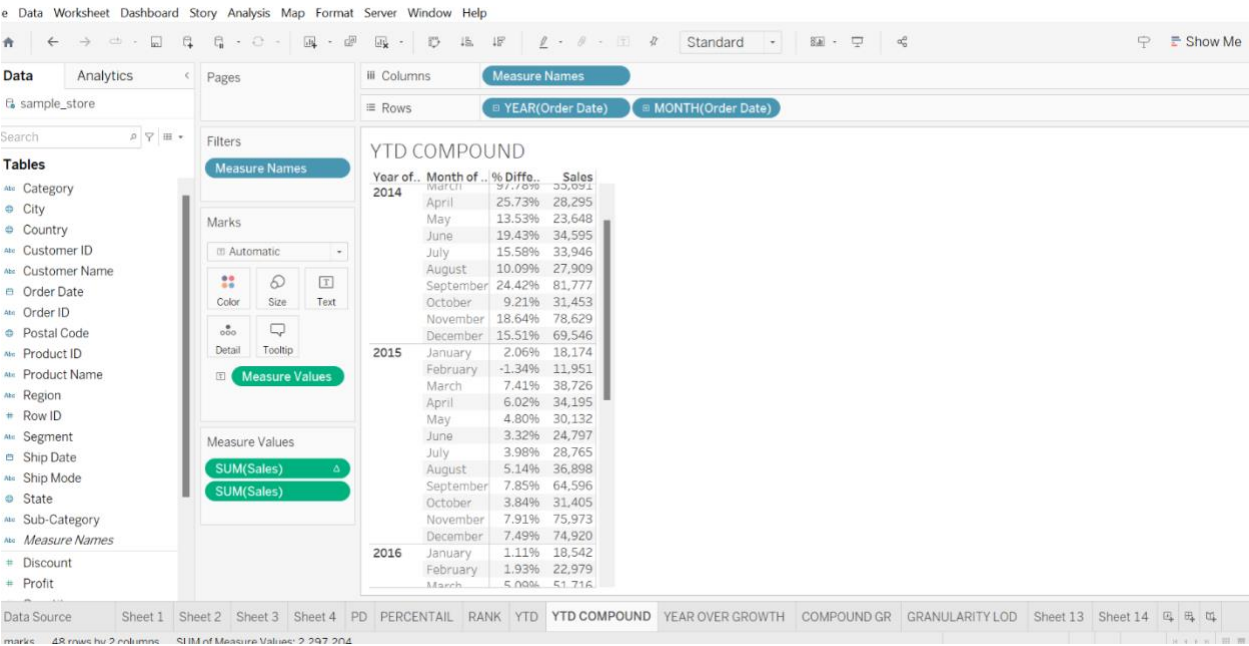
PERCENTAIL



YEAR TO DATE:



YEAR TO DATE COMPOUND:



Bookshop.xlsx



Sample - Superstore  
(5).xls