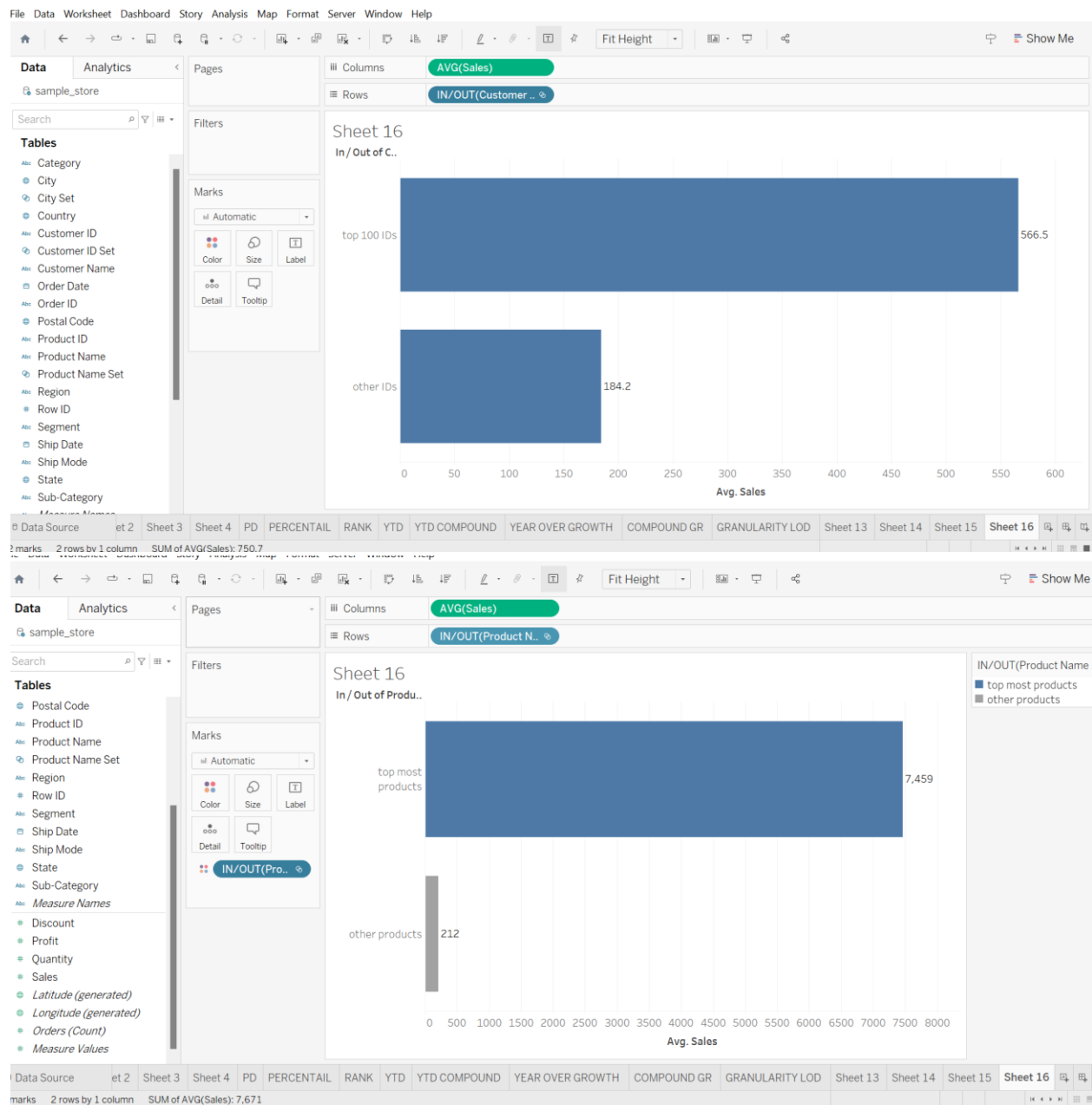
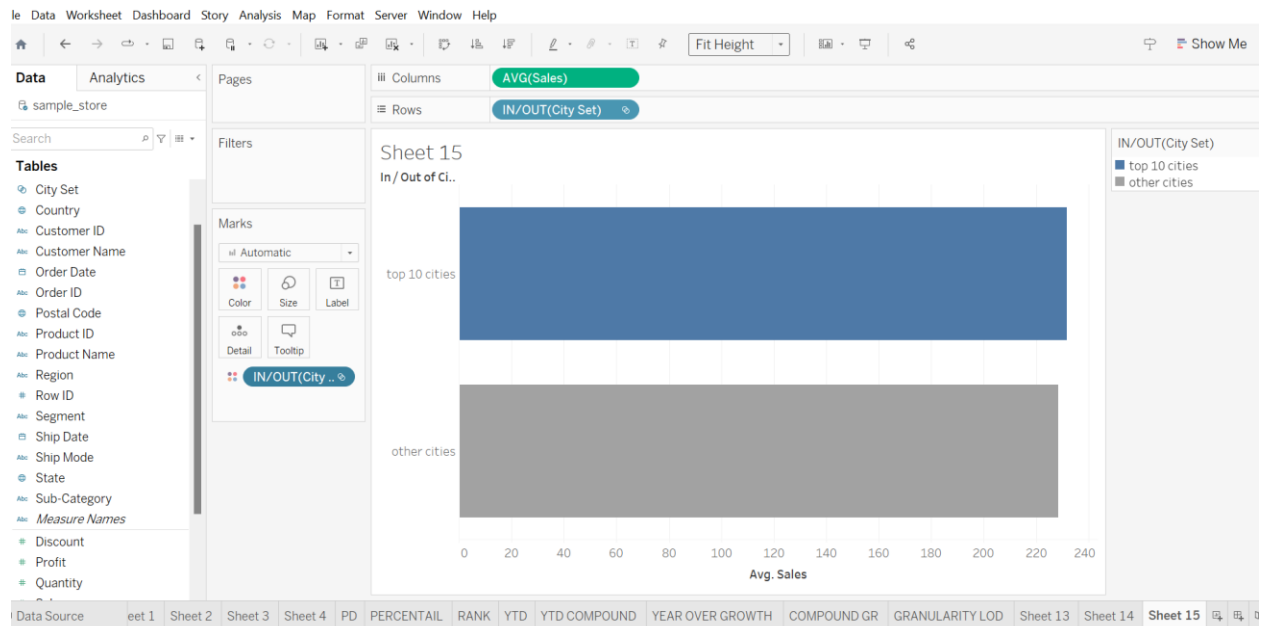


DA Assignment 3

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- 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

Two screenshots of Tableau Desktop showing the 'Join' dialog box. The top screenshot shows the 'Join' dialog with 'Inner' selected. The bottom screenshot shows the 'Join' dialog with 'Left' selected. Both screenshots show a table with 9 fields and 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

Connections
Bookshop
Microsoft Excel

Sheets
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+ (Bookshop)

Connection
Live Extract
Filters
0 Add

Book is made of 5 tables. ⓪

BookAuthor1EditionInfoSeries

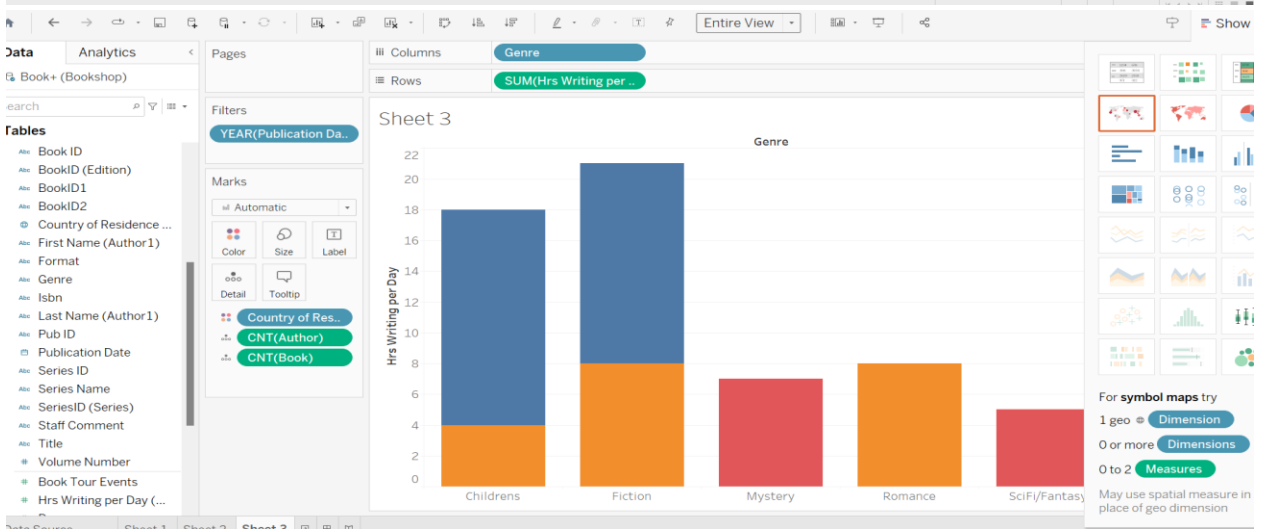
Book27 fields 96 rows96rows

Name
Book

Fields

Type	Field Name	Physical Table	Remote File
Book ID	TT359	Turn Left Til You Get There	KE397
Title	NP937	Natural Pamplemousse	PB147
Auth ID	PA169	Post Alley	BM856
Auth1	TM925	The Mallemarking	BT132

Book ID	Title	Auth ID	Auth1 (Author1)	First Name
TT359	Turn Left Til You Get There	KE397	KE397	Kris
NP937	Natural Pamplemousse	PB147	PB147	Phoebe
PA169	Post Alley	BM856	BM856	Burton
TM925	The Mallemarking	BT132	BT132	Bianca



Connections
Bookshop
Microsoft Excel

Sheets
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
Go to Worksheet

Book+ (Bookshop)

Connection
Live Extract
Filters
0 Add

Book is made of 2 tables. ⓪

BookInfo

Book9 fields 58 rows58rows

Name
Book

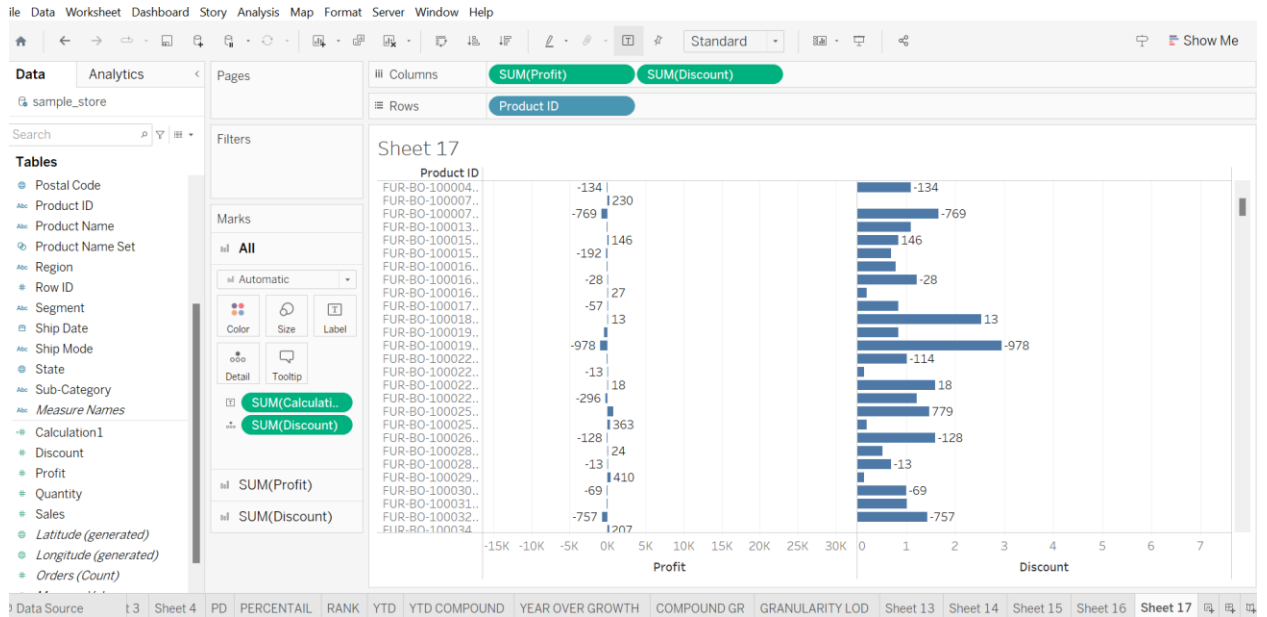
Fields

Type	Field Name	Physical Table	Remote File
Book ID	BB194	Ballinby Boys	AM329
Title	NC652	Nothing But Capers	AS443
Auth ID	AD222	Alanna Saves the Day	BH149
Auth1	PA169	Post Alley	BM856

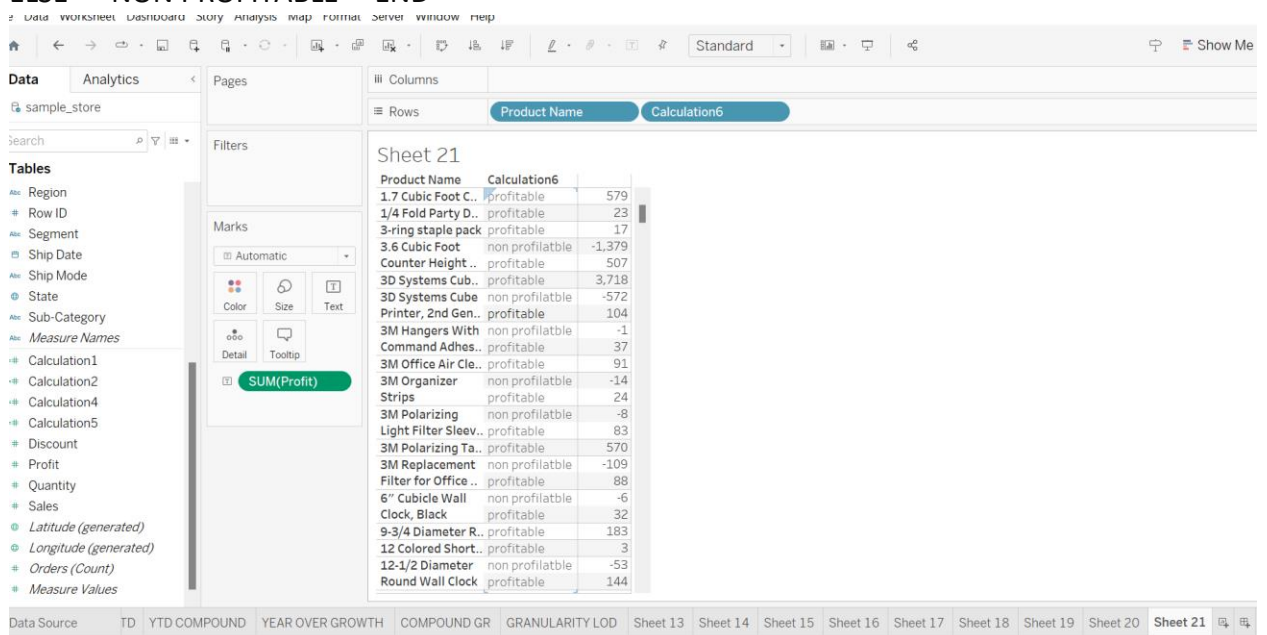
Book ID	Title	Auth ID	BookID1	BookID2	Genre
BB194	Ballinby Boys	AM329	BB	194	S
NC652	Nothing But Capers	AS443	NC	652	N
AD222	Alanna Saves the Day	BH149	AD	222	C
PA169	Post Alley	BM856	PA	169	F

- Create 2 Calculation field using any aggregate function

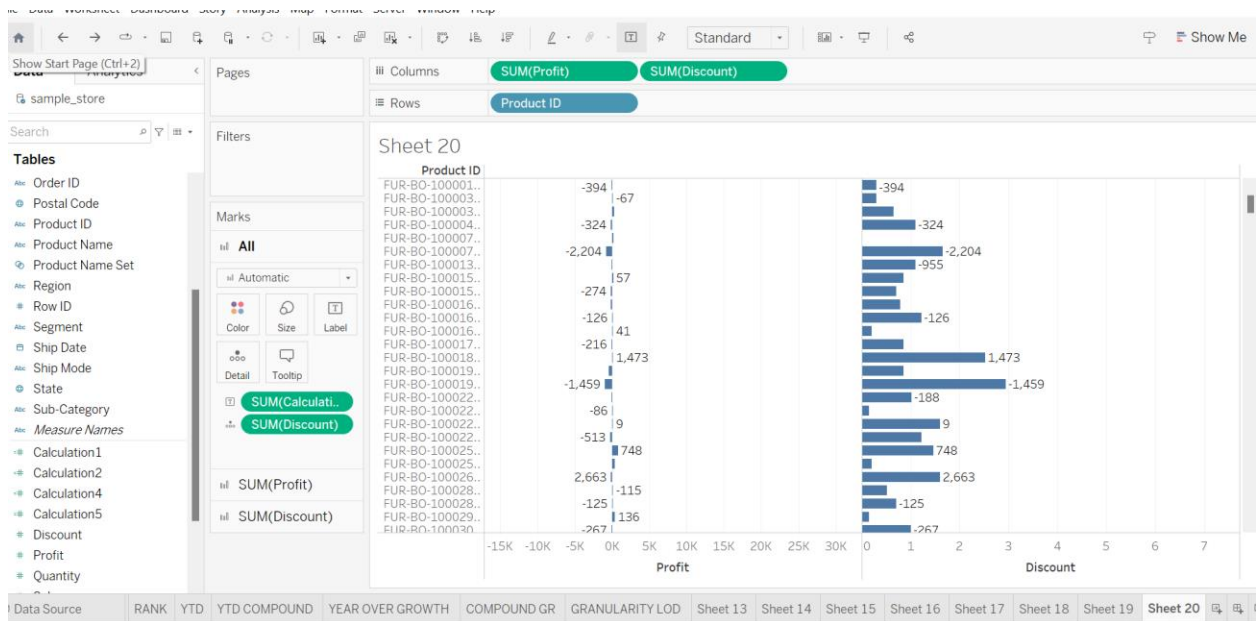
[PROFIT]-[DISCOUNT]:



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

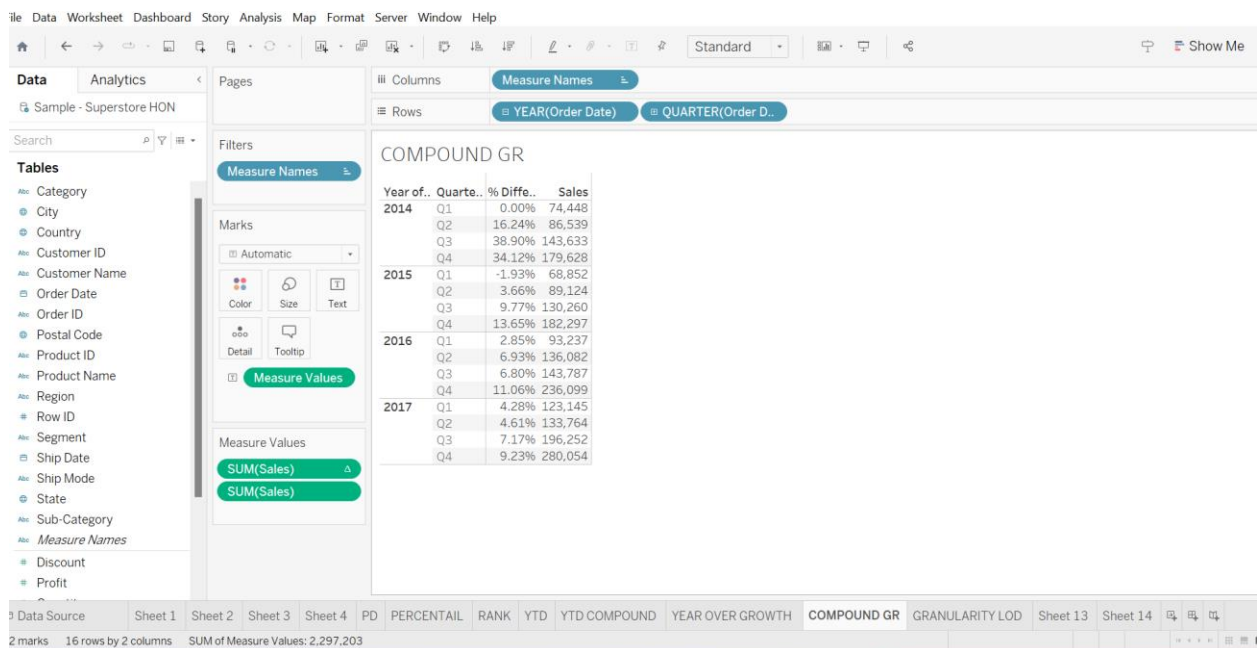


$([PROFIT] - [DISCOUNT]) / ABS([DISCOUNT])$

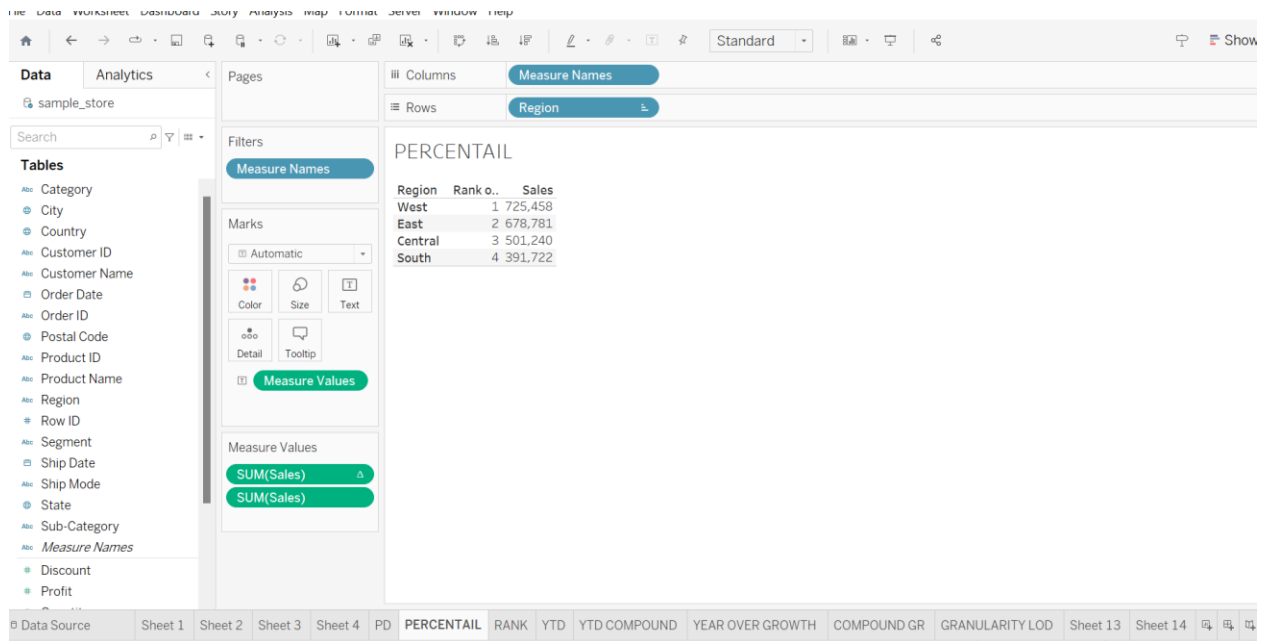


- 3 visualization using quick Table Calculations Dataset

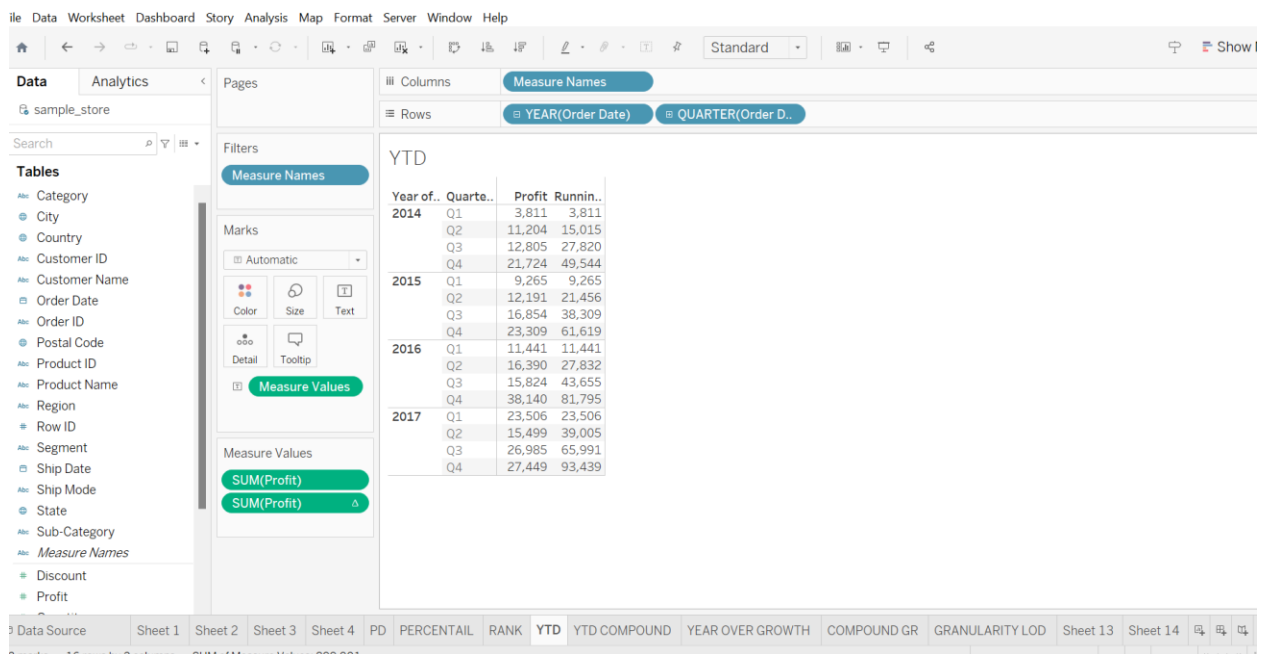
COMPOUND GROWTH RATE:



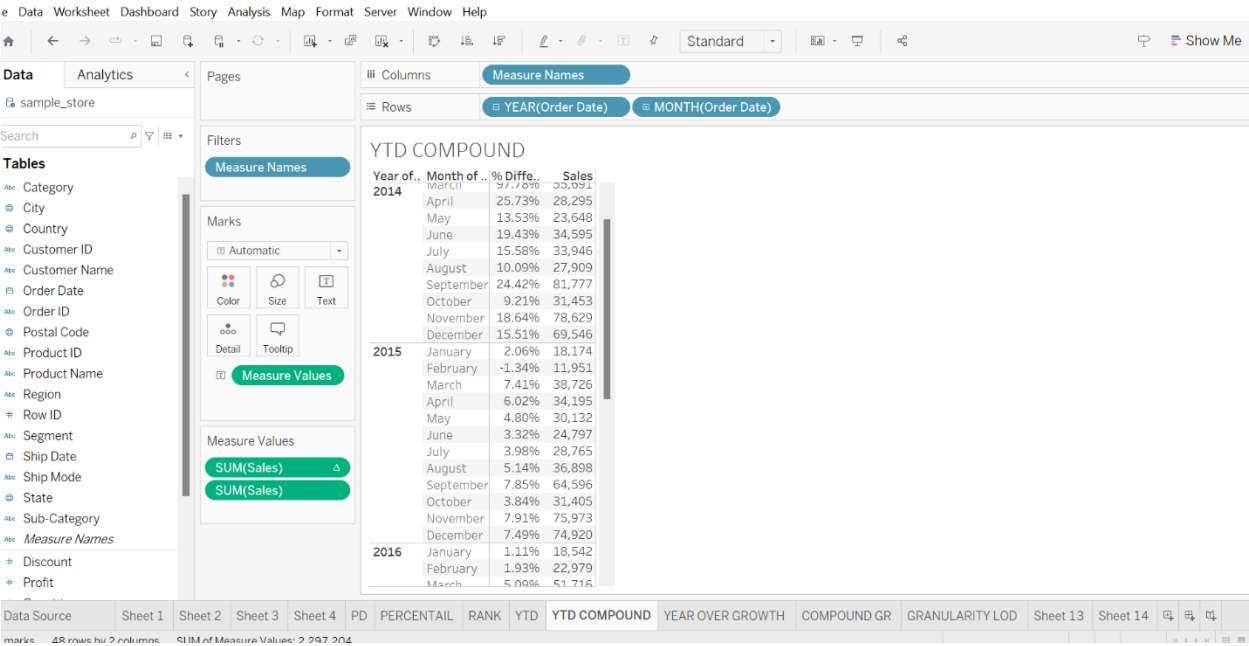
PERCENTAIL



YEAR TO DATE:



YEAR TO DATE COMPOUND:



Bookshop.xlsx



Sample - Superstore
(5).xls