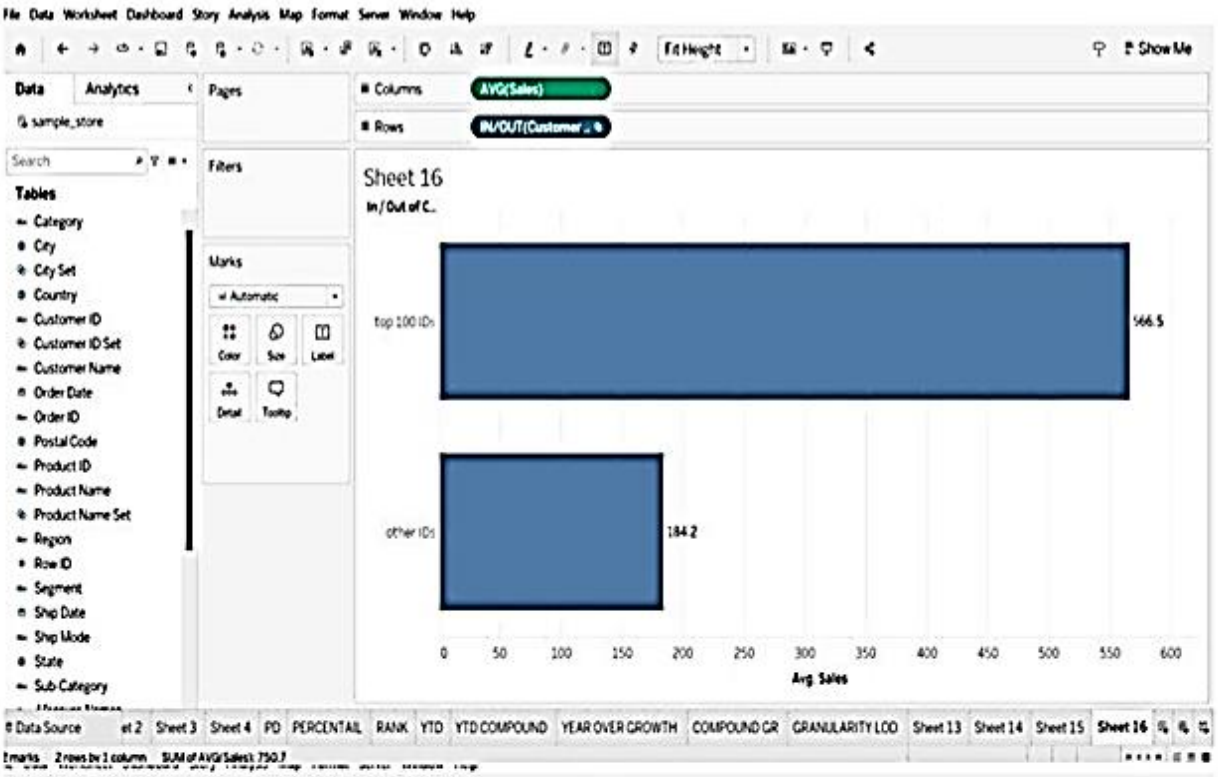
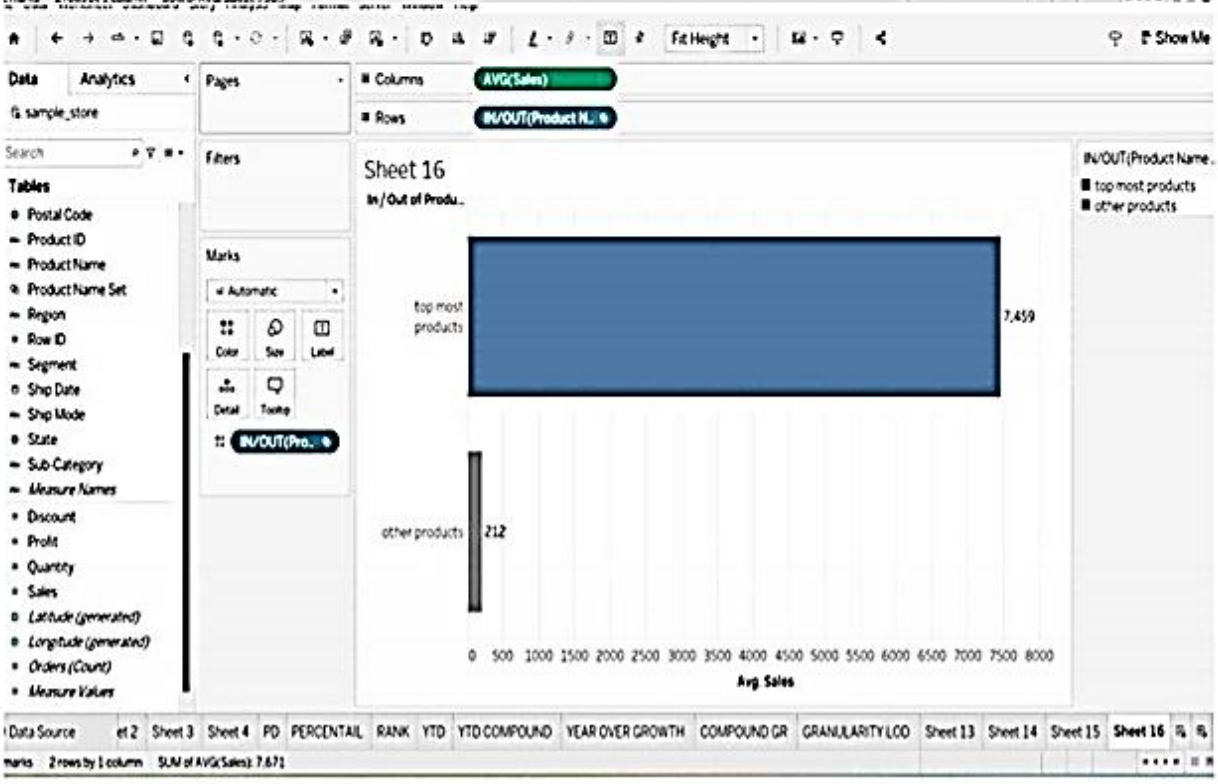
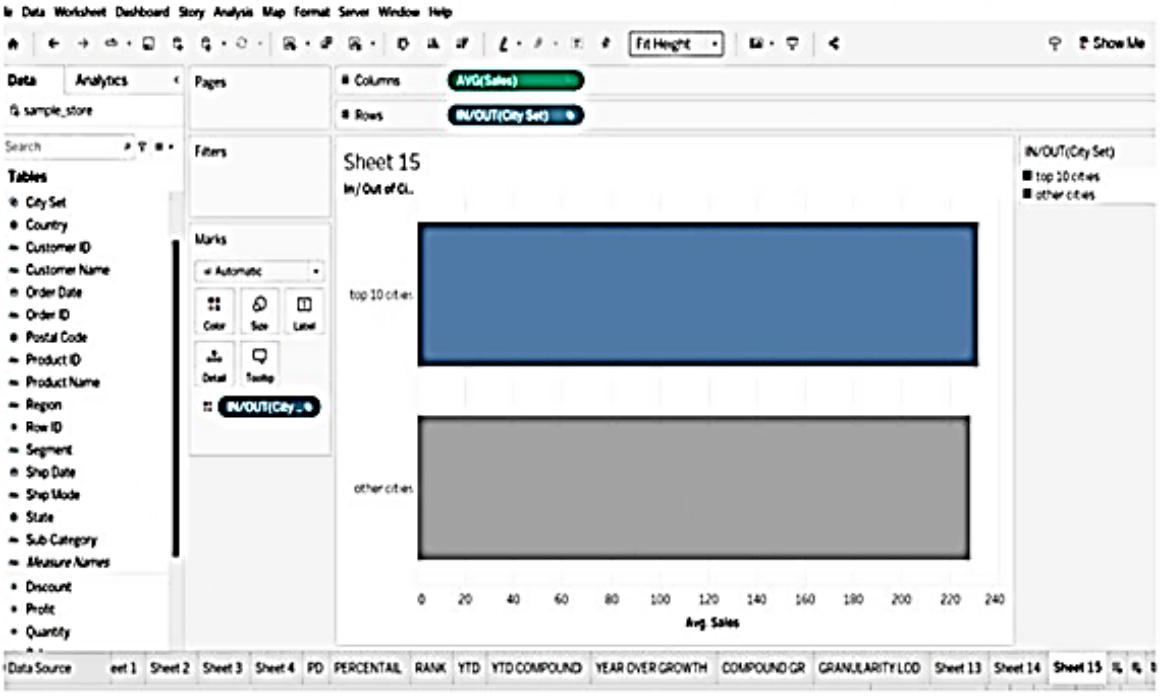
DATA ANALYTICS
Assignment – 3
Name : Tupakula Maneesha

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

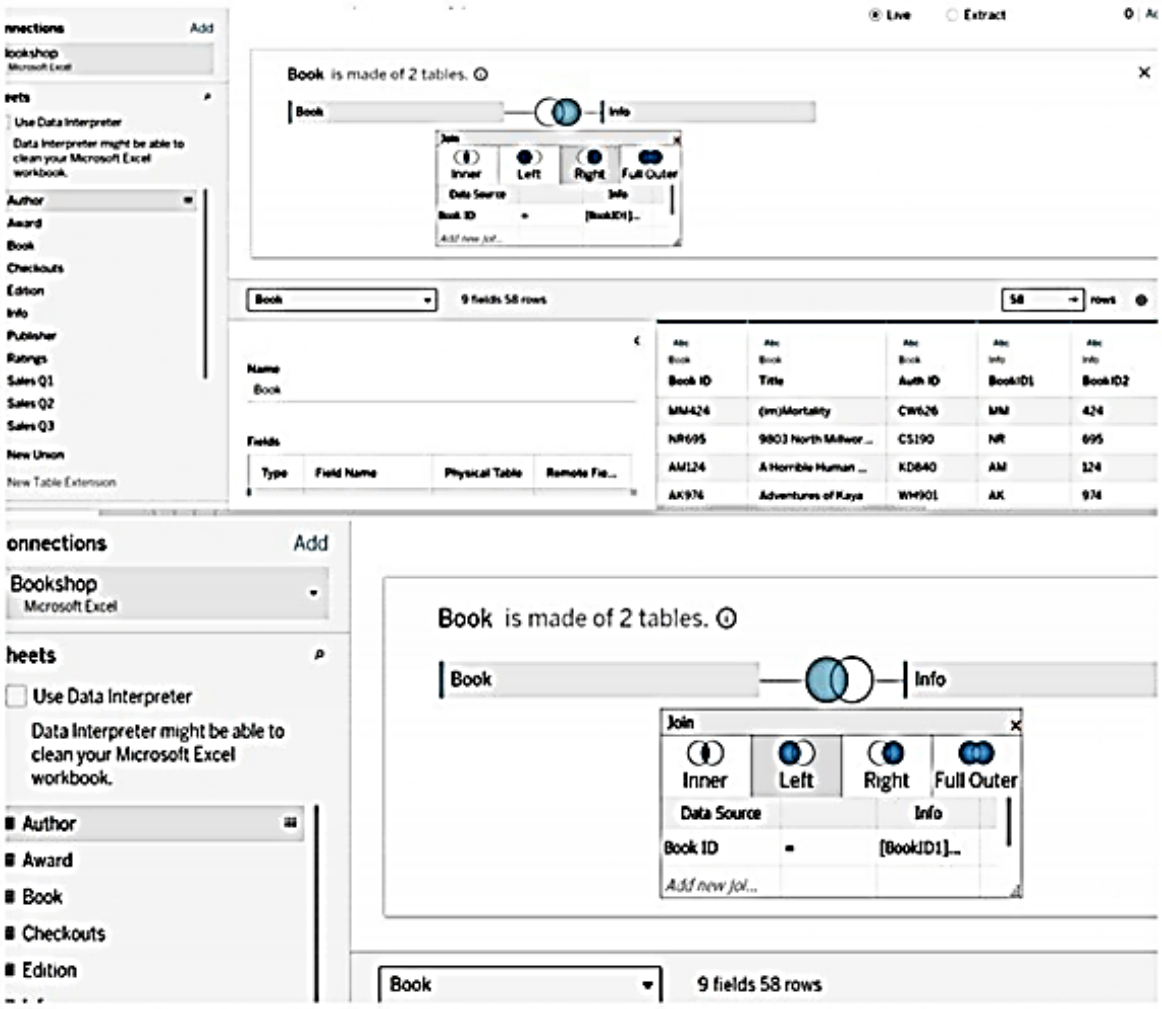


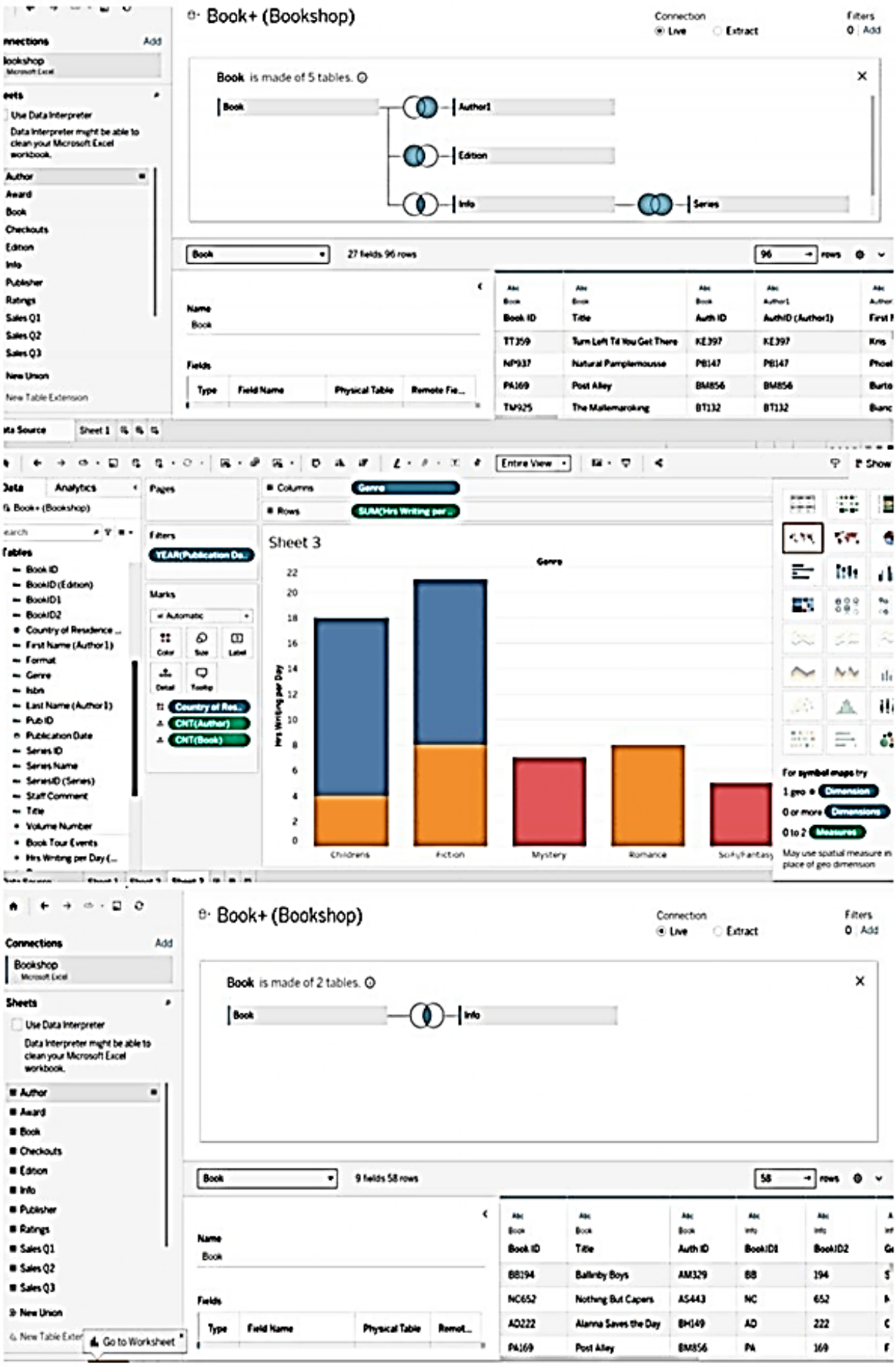




- Experiment with combining sets using UNION, INTERSECT, and MINUS operations.

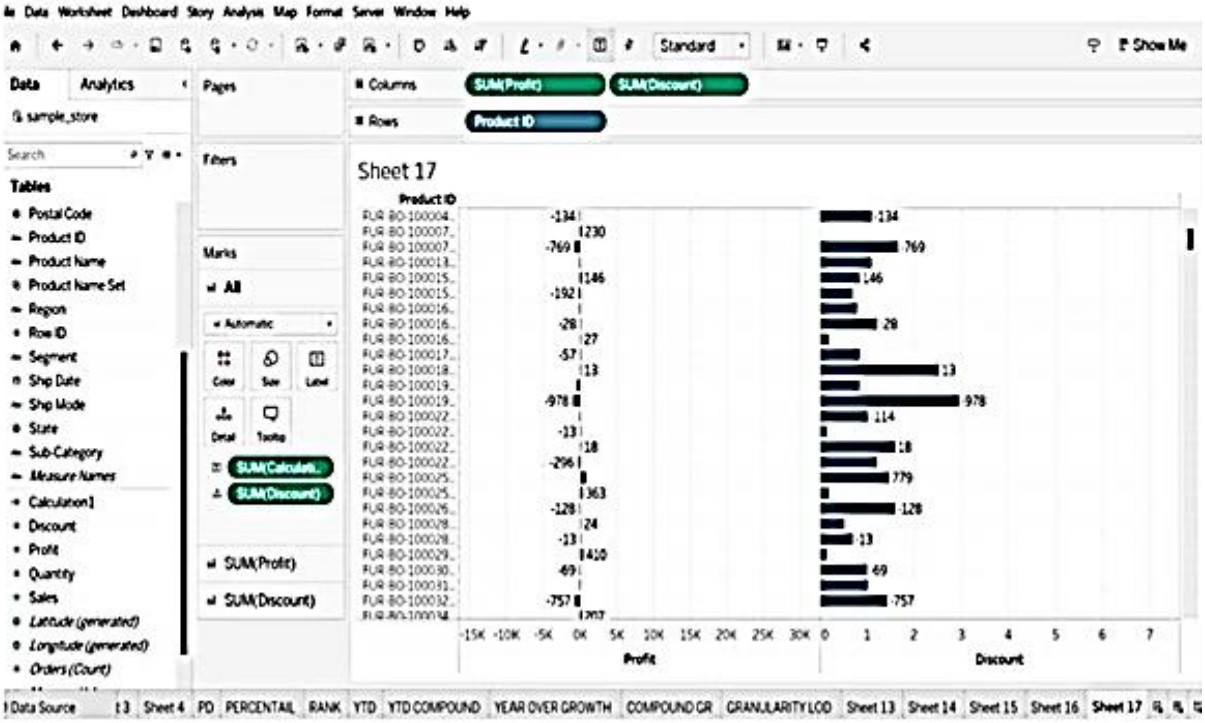
MINUS, INSERT, UNION



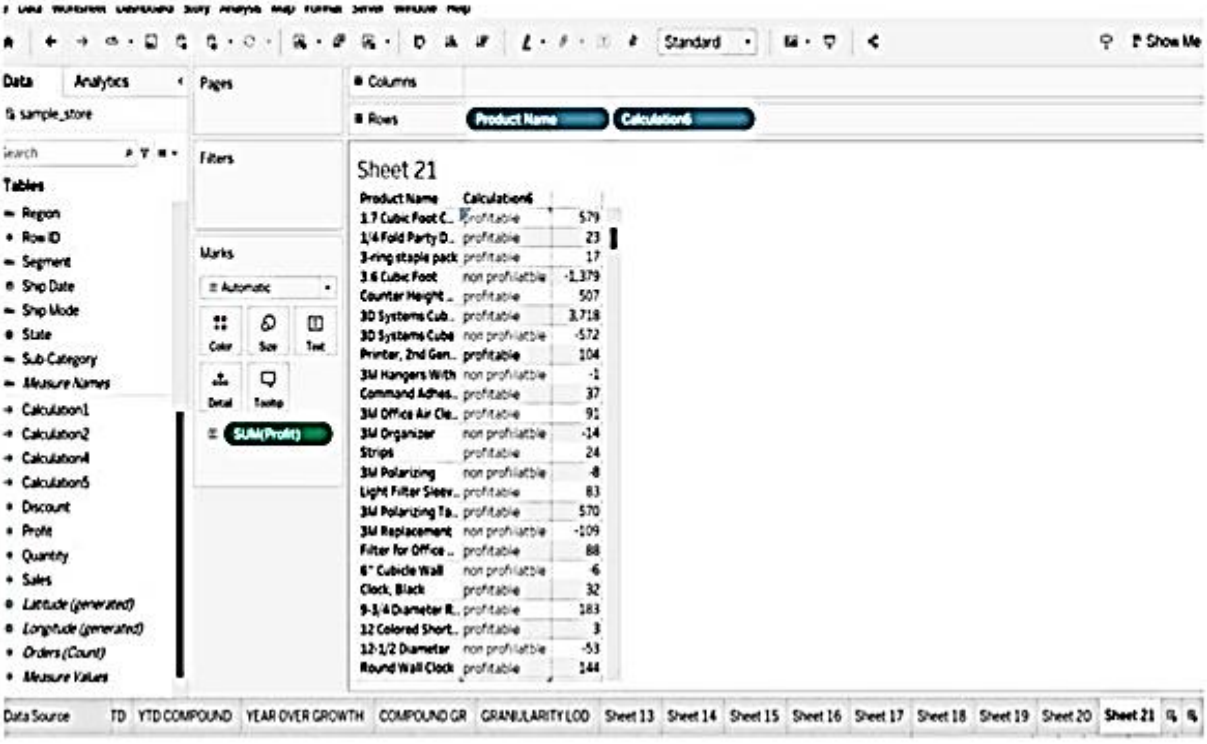

Book+ (Bookshop)
Connection
Live
Extract
Filters
0 Add
Book is made of 5 tables.
Book
Author1
Edition
Info
Series
27 fields 96 rows
96 rows
Name
Book
Fields
Type
Field Name
Physical Table
Remote Fie...
Book ID
Title
Auth ID
AuthID (Author1)
TT359
Turn Left Til You Get There
KE397
NP937
Natural Pamplemousse
PB147
PA169
Post Alley
BM856
TM925
The Mallemaroking
BT132
Sheet 1
Entire View
Show
Data
Analytics
Book+ (Bookshop)
Tables
Book ID
BookID (Edition)
BookID1
BookID2
Country of Residence ...
First Name (Author1)
Format
Genre
Isbn
Last Name (Author1)
Pub ID
Publication Date
Series ID
Series Name
SeriesID (Series)
Staff Comment
Title
Volume Number
Book Tour Events
Hrs Writing per Day (...
Pages
Filters
YEAR(Publication Da..
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Country of Res..
CNT(Author)
CNT(Book)
Columns
Genre
Rows
SUM(Hrs Writing per ..
Sheet 3
Genre
Hrs Writing per Day
22
20
18
16
14
12
10
8
6
4
2
0
Childrens
Fiction
Mystery
Romance
Sci-Fi/Fantasy
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
Add
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.
Book
Info
9 fields 58 rows
58 rows
Name
Book
Fields
Type
Field Name
Physical Table
Remot...
Book ID
Title
Auth ID
BookID1
BookID2
BB194
Ballinby Boys
AM329
BB
194
NC652
Nothing But Capers
AS443
NC
652
AD222
Alanna Saves the Day
BH149
AD
222
PA169
Post Alley
BM856
PA
169

- Create 2 Calculation field using any aggregate function

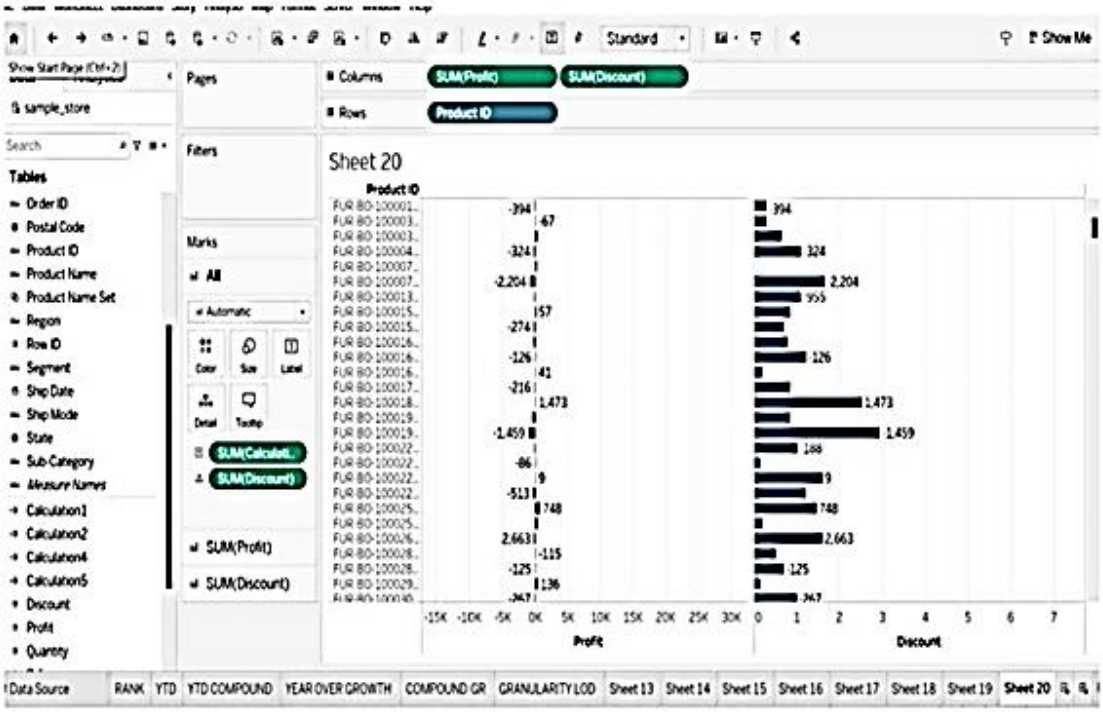
[PROFIT]-[DISCOUNT]:



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

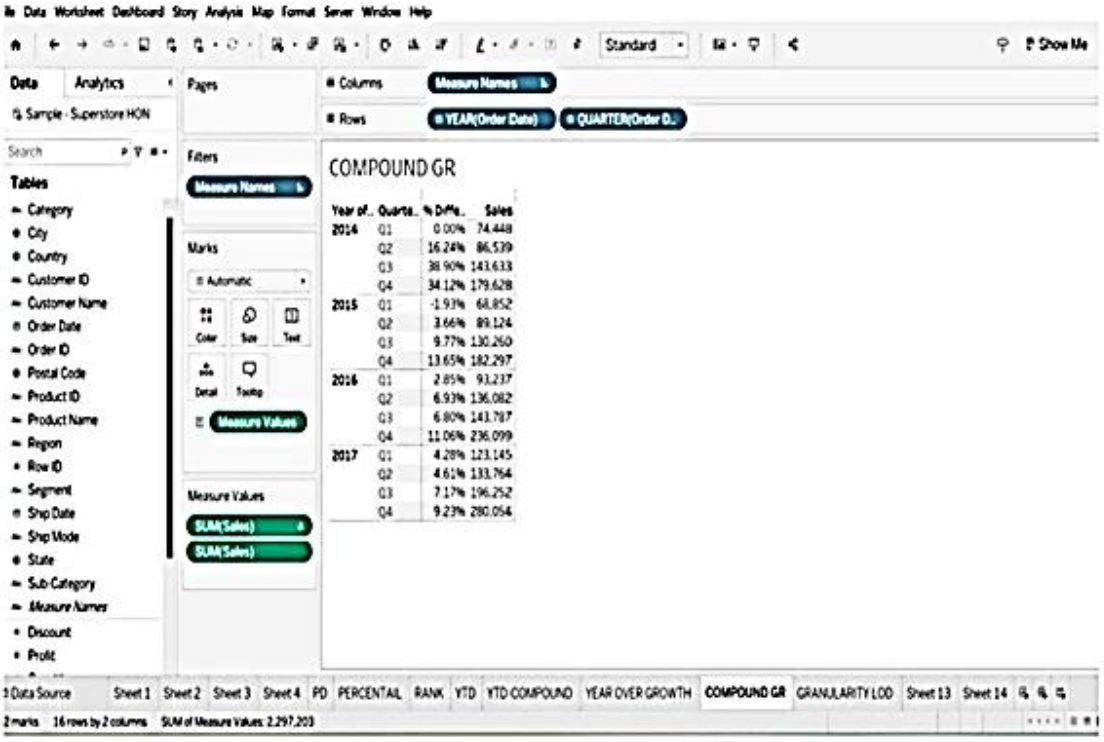


([PROFIT] - [DISCOUNT]) / ABS([DISCOUNT])

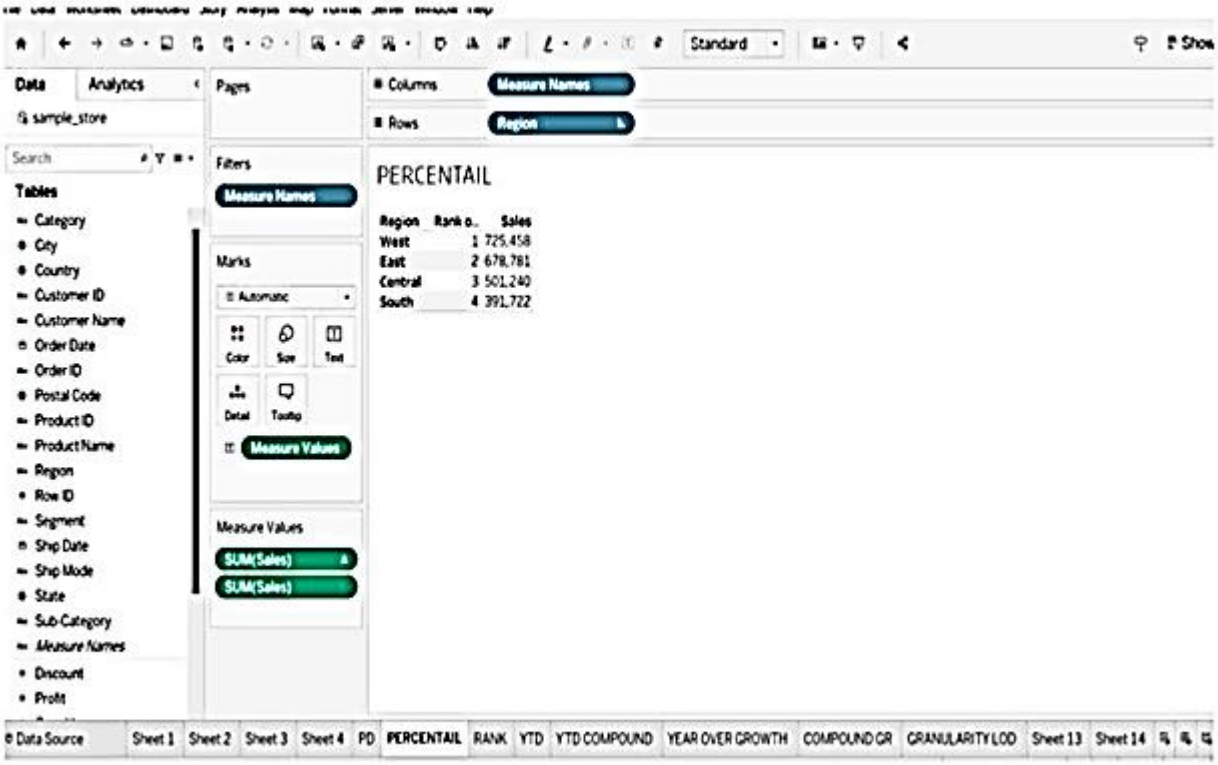


- 3 visualization using quick Table Calculations Dataset

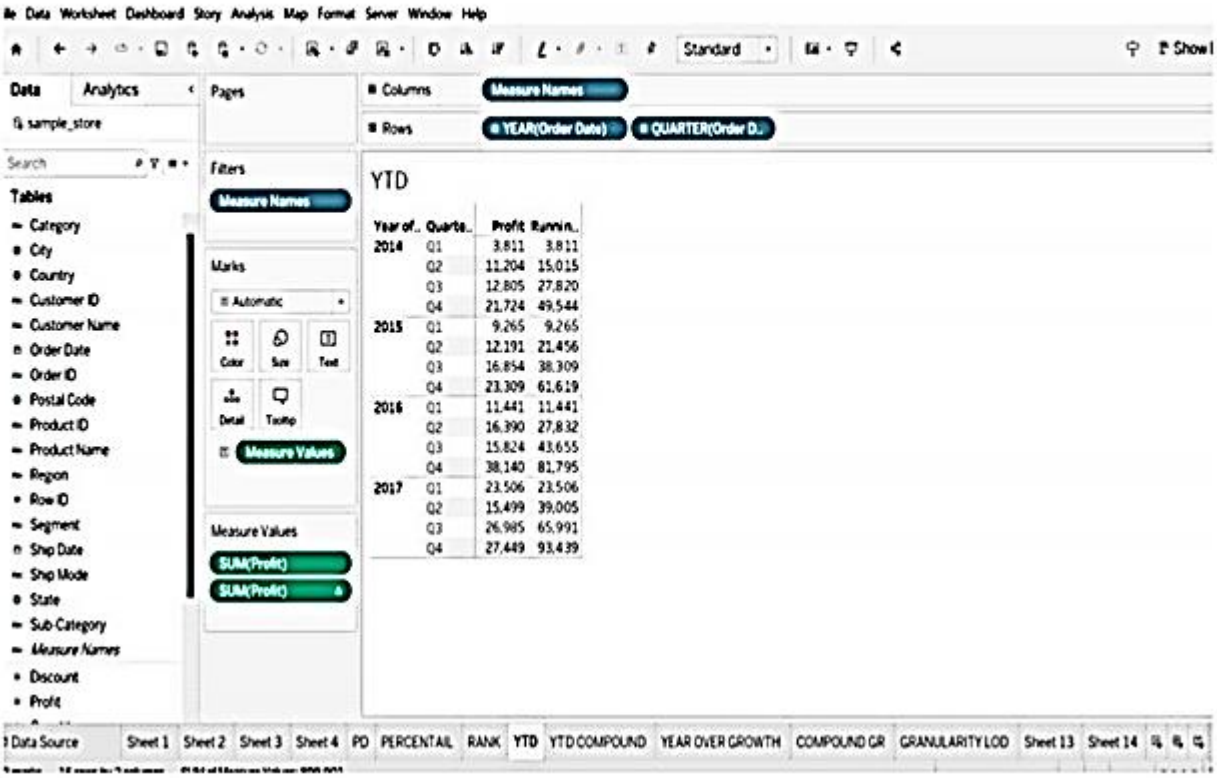
COMPOUND GROWTH RATE:



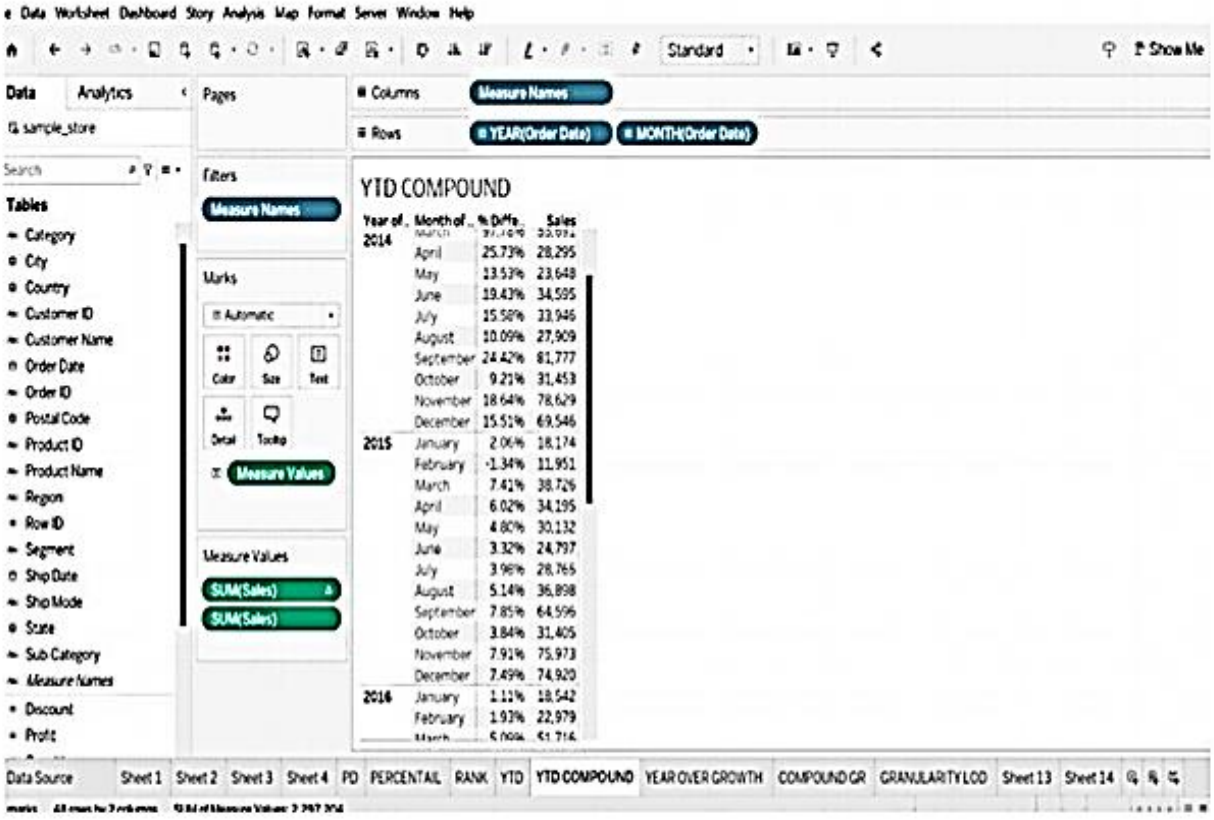
PERCENTAIL



YEAR TO DATE:



YEAR TO DATE COMPOUND:



Bookshop.xlsx

Sample - Superstore (5).xls