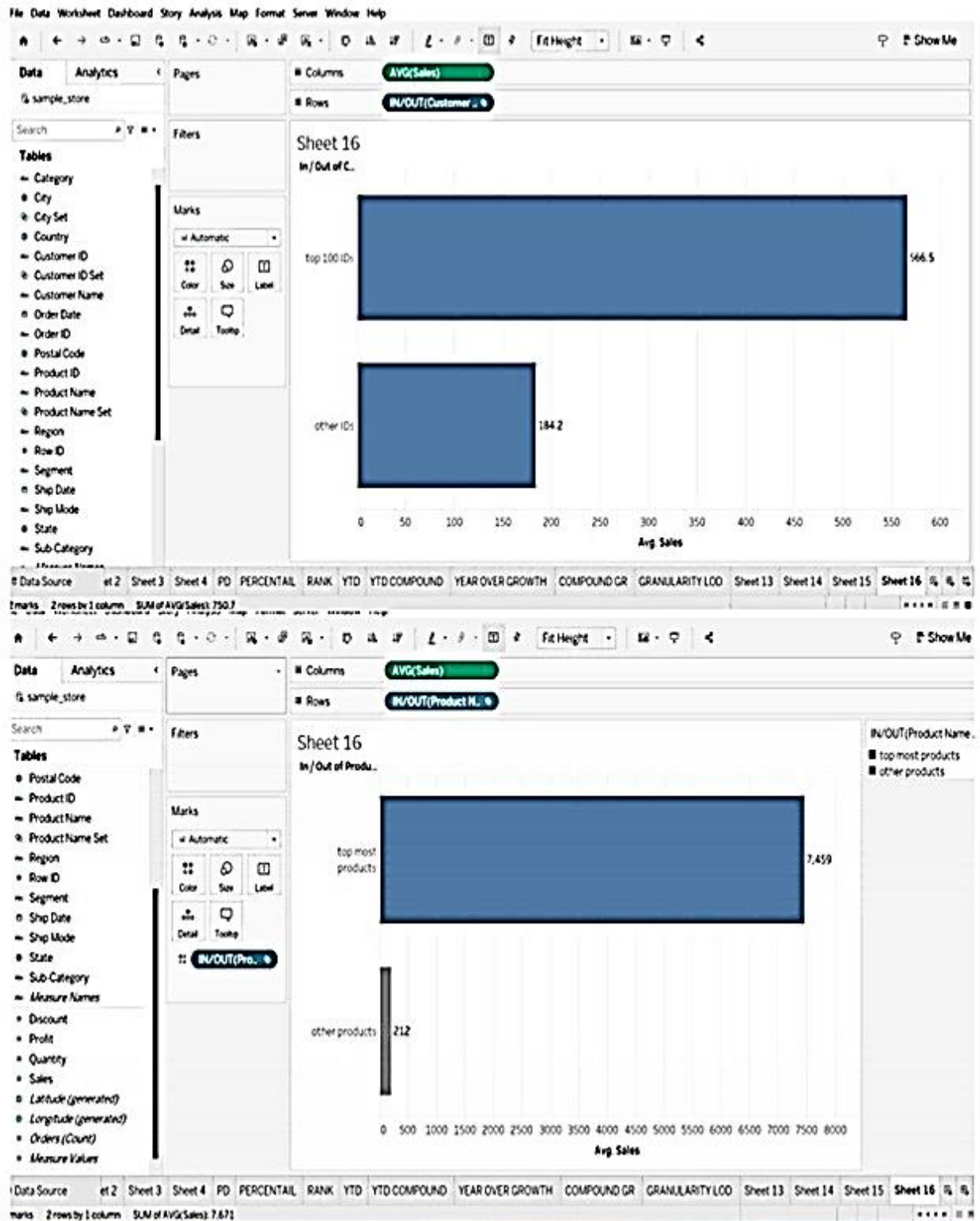


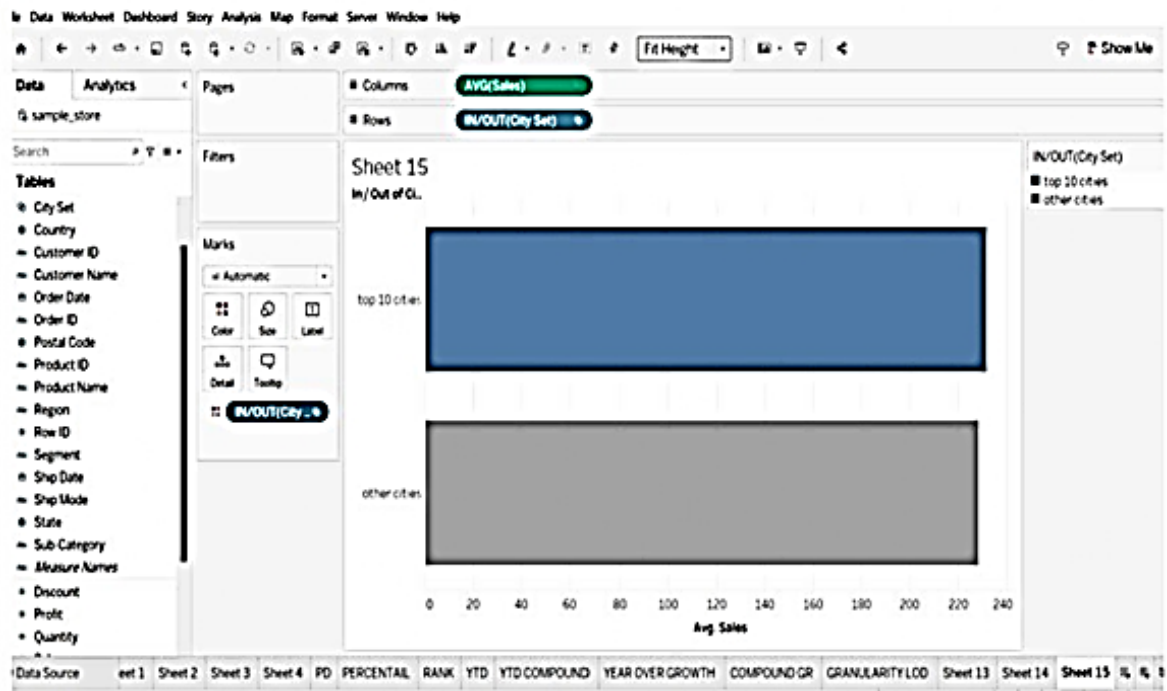
DATA ANALYTICS

Assignment – 3

Name : Shaik Fatima

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

Join Dialog Box (Top Screenshot):

Book is made of 2 tables. ⓘ

Join

Inner Left Right Full Outer

Data Source Info

Book ID [BookID1]...

Table Data (Top Screenshot):

Book ID	Title	Auth ID	BookID1	BookID2
MM424	(m)Mortality	CW626	MM	424
NR695	9803 North Mhwer ...	CS190	NR	695
AM124	A Horrible Human ...	KD840	AM	124
AK974	Adventures of Raja	WM901	AK	974

Join Dialog Box (Bottom Screenshot):

Book is made of 2 tables. ⓘ

Join

Inner Left Right Full Outer

Data Source Info

Book ID [BookID1]...

Table Data (Bottom Screenshot):

Book ID	Title	Auth ID	BookID1	BookID2
MM424	(m)Mortality	CW626	MM	424
NR695	9803 North Mhwer ...	CS190	NR	695
AM124	A Horrible Human ...	KD840	AM	124
AK974	Adventures of Raja	WM901	AK	974

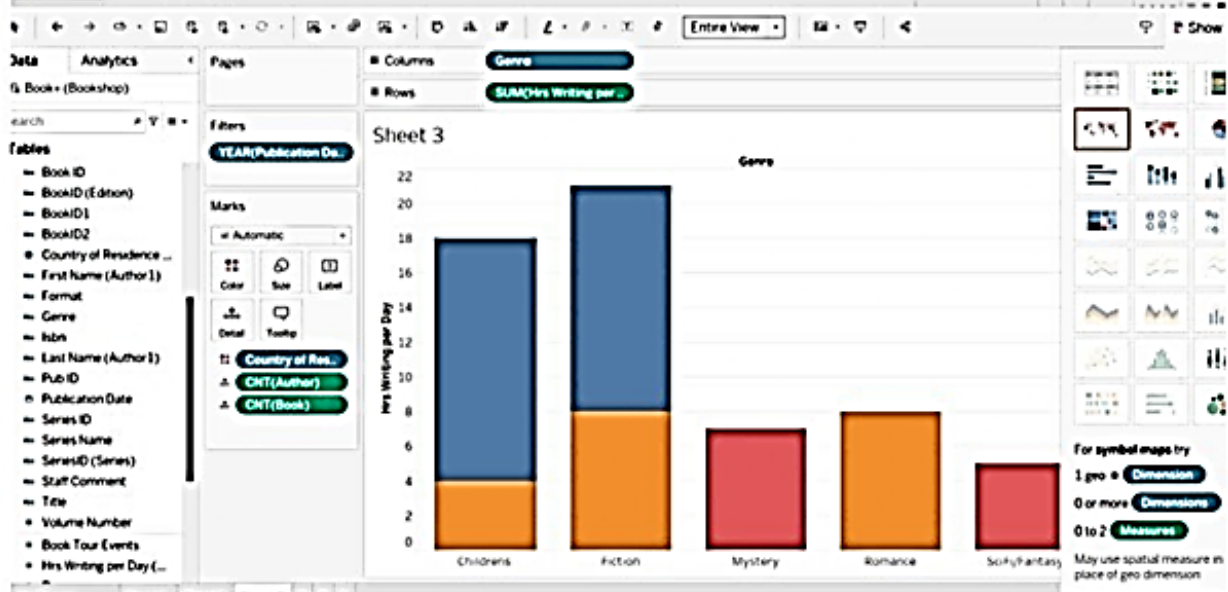
Book+ (Bookshop) Connection: ☒ Live ☐ Extract Filters: 0 | Add

Book is made of 5 tables.

Book 27 fields 96 rows 96 rows

Name	Book	Book ID	Title	Auth ID	Author1	Author
TT359	Turn Left Tell You Get There	KE397	KE397	Kris		
NP937	Natural Pamplounisse	PB147	PB147	Phoe		
PA169	Post Alley	BM856	BM856	Burto		
TM925	The Mattemaroking	BT132	BT132	Blanc		

Fields: Type Field Name Physical Table Remote Fi...



Book+ (Bookshop) Connection: ☒ Live ☐ Extract Filters: 0 | Add

Book is made of 2 tables.

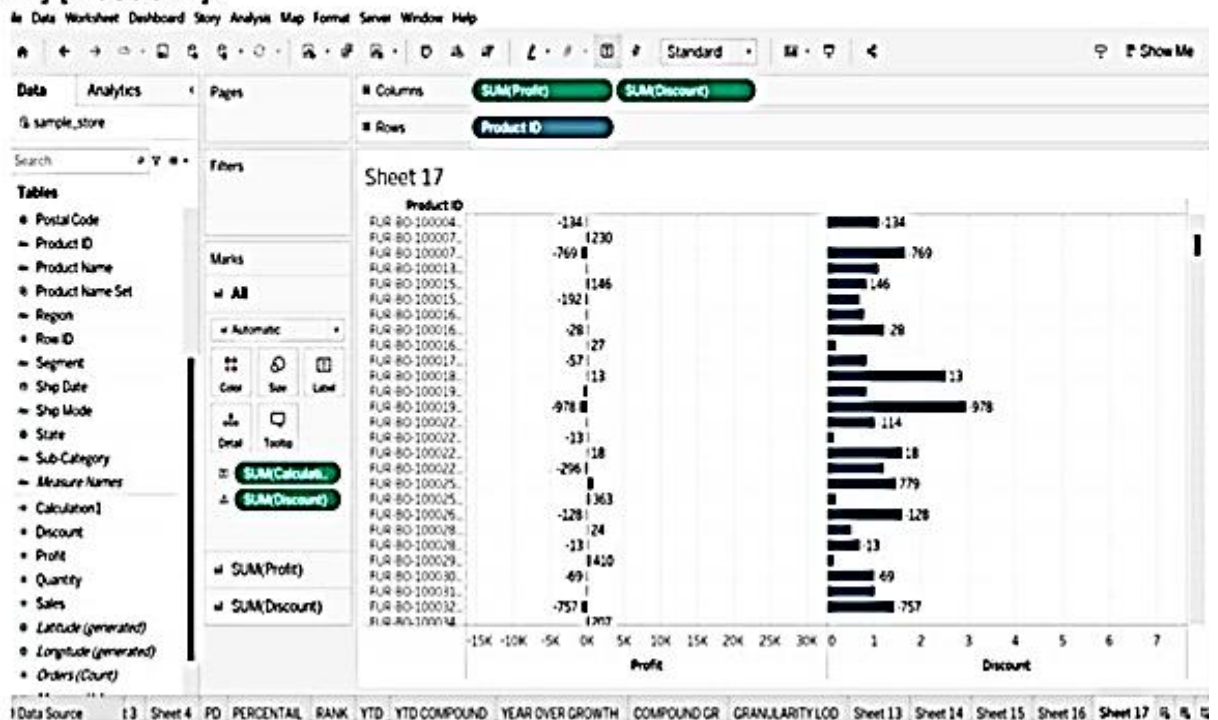
Book 9 fields 58 rows 58 rows

Name	Book	Book ID	Title	Auth ID	BookID1	BookID2	Gr
BB194	Ballerby Boys	AM329	BB	194			
NC652	Nothing But Capers	AS443	NC	652			
AQ222	Alanna Saves the Day	BM149	AD	222			
PA169	Post Alley	BM856	PA	169			

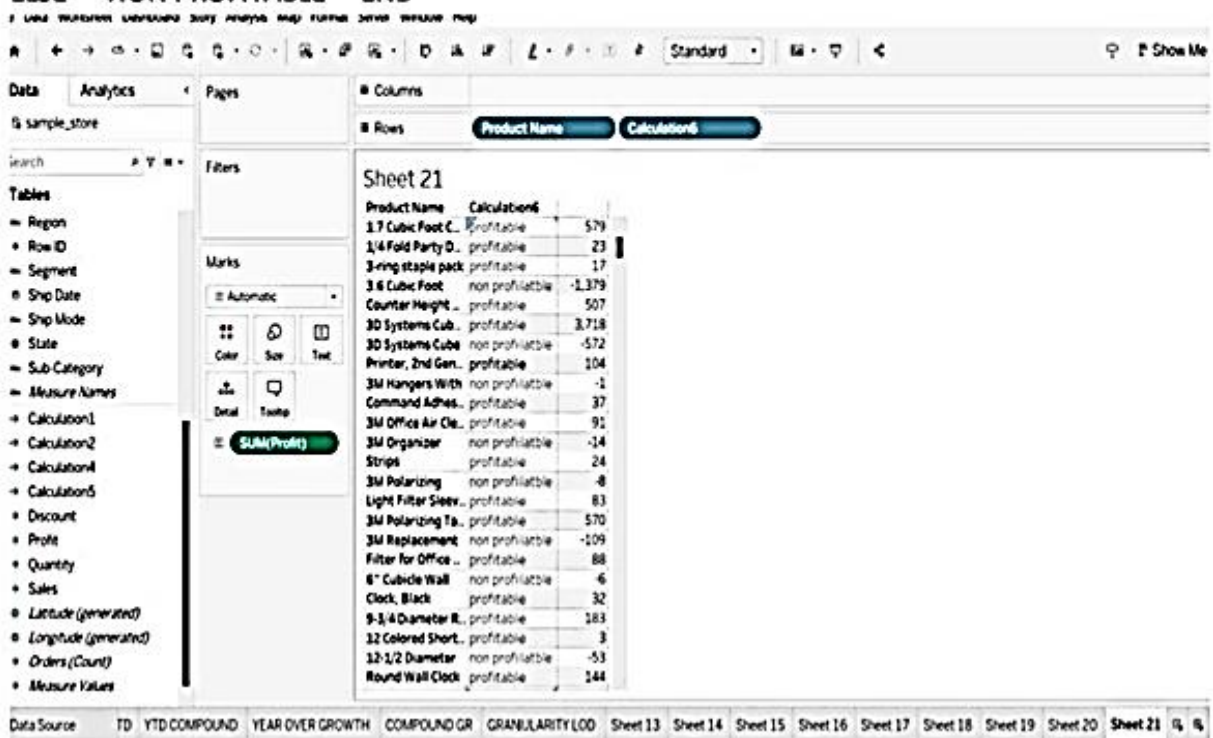
Fields: Type Field Name Physical Table Remot...

- Create 2 Calculation field using any aggregate function

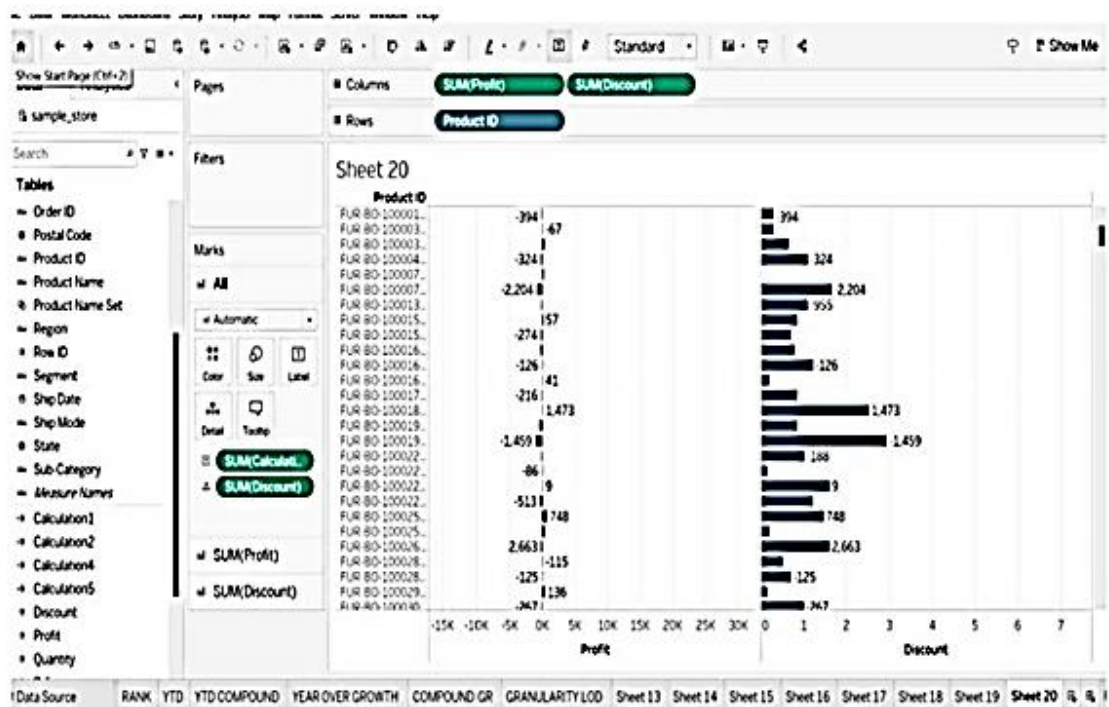
[PROFIT]-[DISCOUNT]:



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

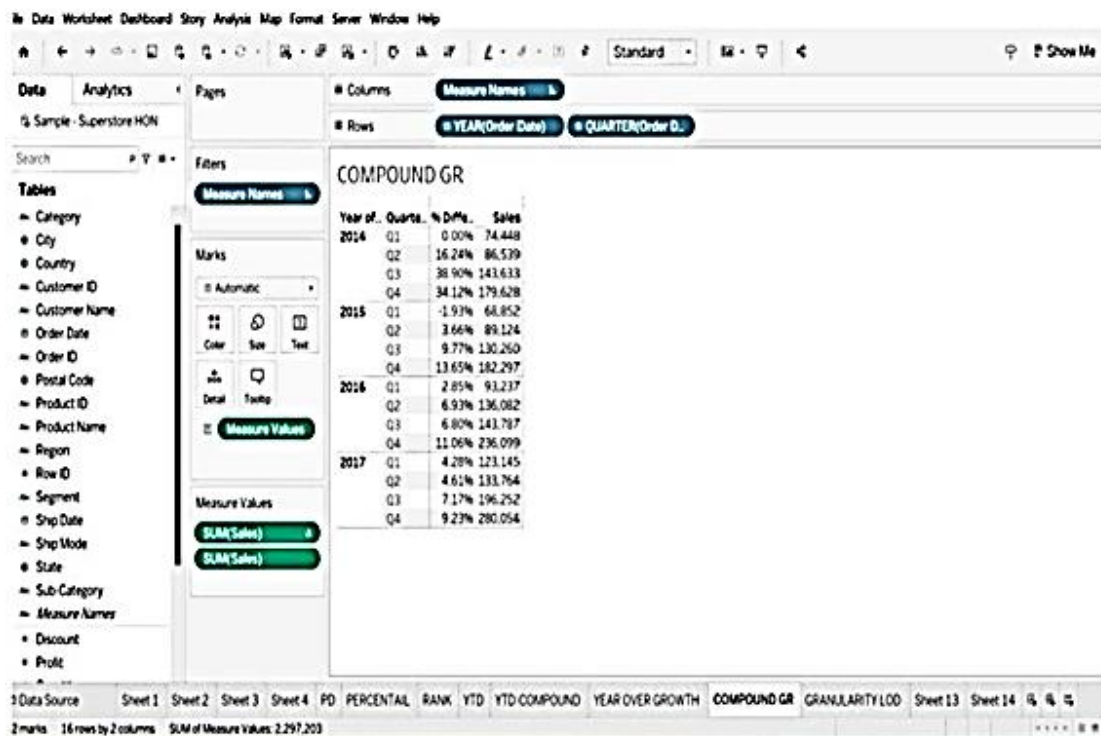


$$([PROFIT] - [DISCOUNT]) / ABS([DISCOUNT])$$



- 3 visualization using quick Table Calculations Dataset

COMPOUND GROWTH RATE:



PERCENTAIL

File Edit Worksheet Dashboard Story Analysis Map Format Server Window Help

Standard

Data Analytics Pages

sample_store

Search

Tables

- Category
- City
- Country
- Customer ID
- Customer Name
- Order Date
- Order ID
- Postal Code
- Product ID
- Product Name
- Region
- Row ID
- Segment
- Ship Date
- Ship Mode
- State
- Sub-Category
- Measure Names
- Discount
- Profit

Filters

Measure Names

Marks

Automatic

Color Size Text

Detail Tooltip

Measure Values

SUM(Sales)

SUM(Sales)

PERCENTAIL

Region	Rank o..	Sales
West	1	725,458
East	2	678,781
Central	3	501,240
South	4	391,722

Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 PD PERCENTAIL RANK YTD YTD COMPOUND YEAR OVER GROWTH COMPOUND GR GRANULARITY LOD Sheet 13 Sheet 14

YEAR TO DATE:

File Edit Worksheet Dashboard Story Analysis Map Format Server Window Help

Standard

Data Analytics Pages

sample_store

Search

Tables

- Category
- City
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- Ship Mode
- State
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- Measure Names
- Discount
- Profit

Filters

Measure Names

Marks

Automatic

Color Size Text

Detail Tooltip

Measure Values

SUM(Profit)

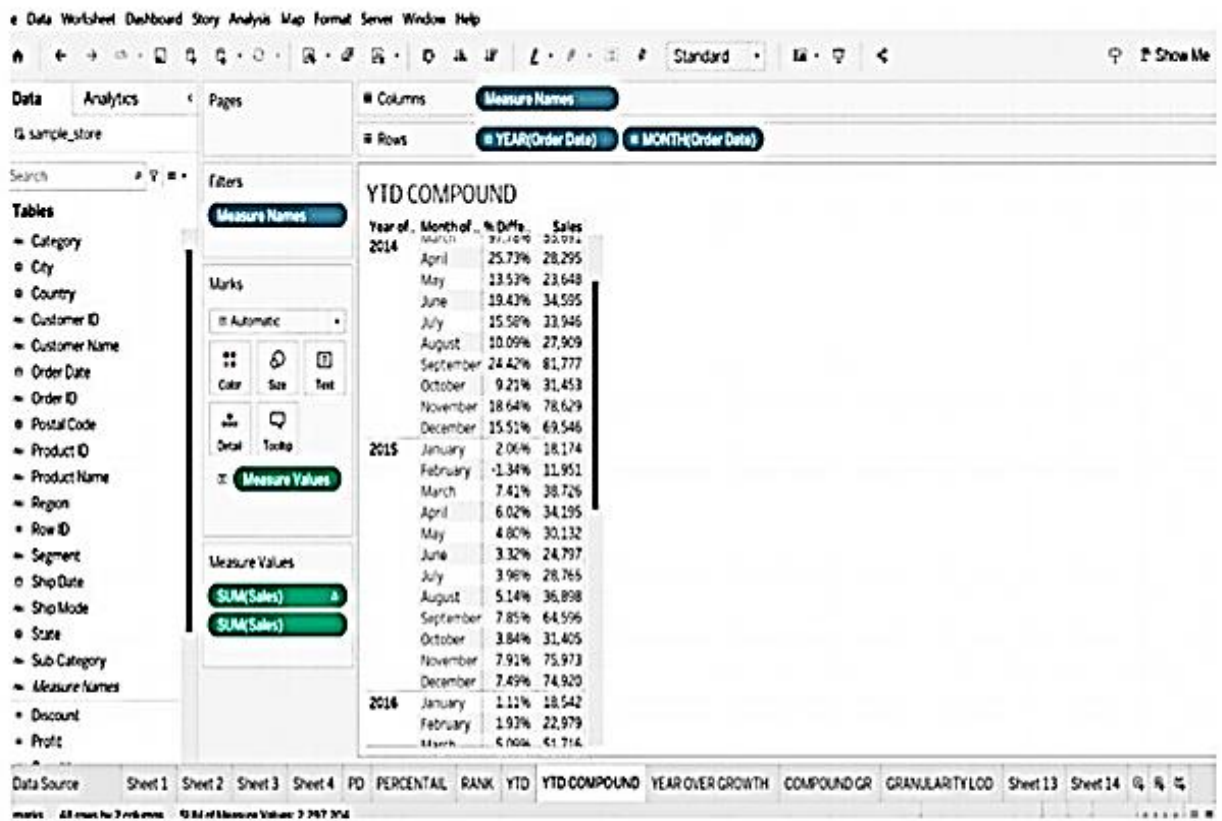
SUM(Profit)

YTD

Year of..	Quarte..	Profit	Runnin..
2014	Q1	3,811	3,811
	Q2	11,204	15,015
	Q3	12,805	27,820
	Q4	21,724	49,544
2015	Q1	9,265	9,265
	Q2	12,191	21,456
	Q3	16,854	38,309
	Q4	23,309	61,619
2016	Q1	11,441	11,441
	Q2	16,390	27,832
	Q3	15,824	43,655
	Q4	38,140	81,795
2017	Q1	23,506	23,506
	Q2	15,499	39,005
	Q3	26,985	65,991
	Q4	27,449	93,439

Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 PD PERCENTAIL RANK YTD YTD COMPOUND YEAR OVER GROWTH COMPOUND GR GRANULARITY LOD Sheet 13 Sheet 14

YEAR TO DATE COMPOUND:



Bookshop.xlsx



Sample - Superstore
(5).xls