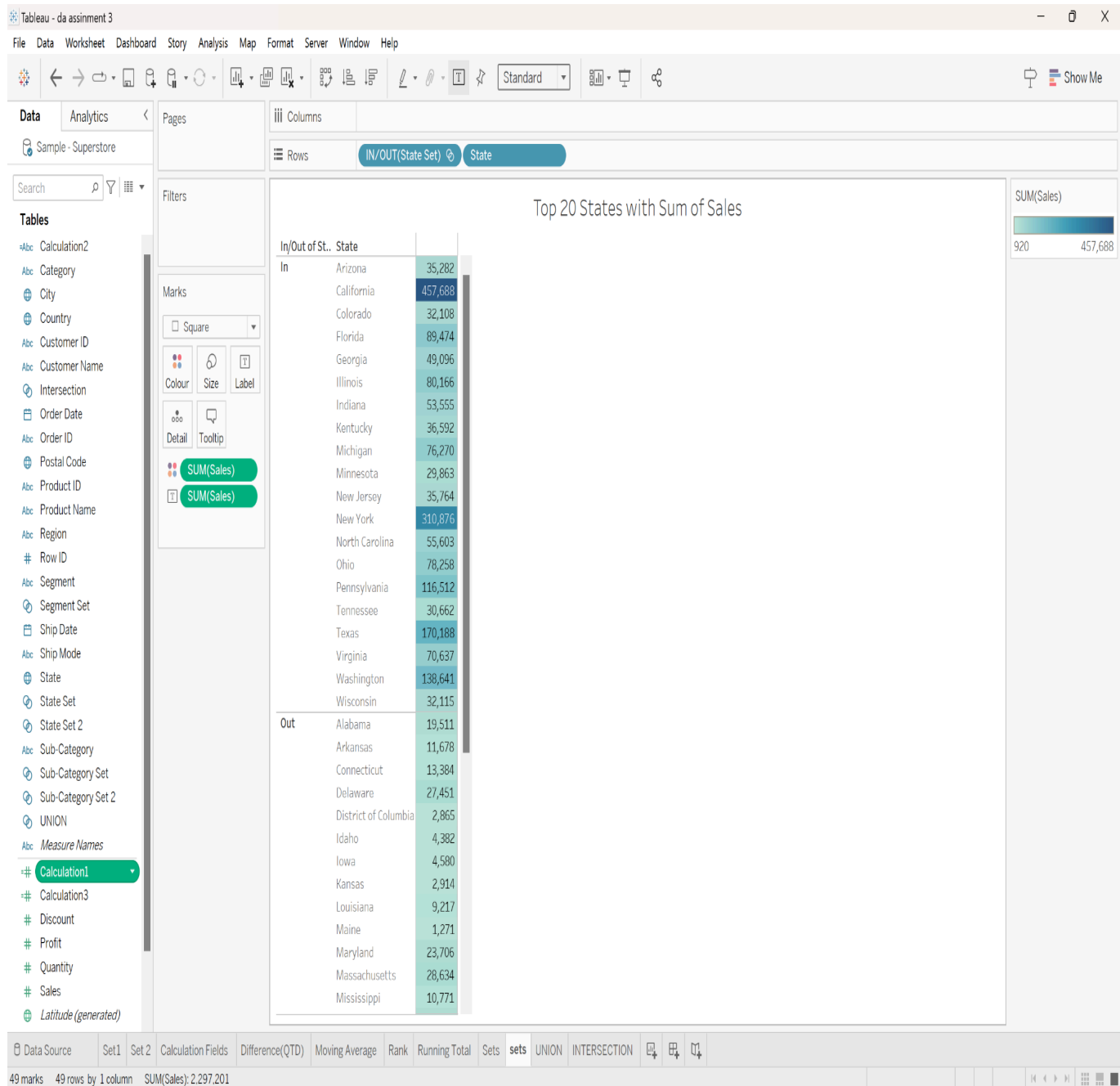


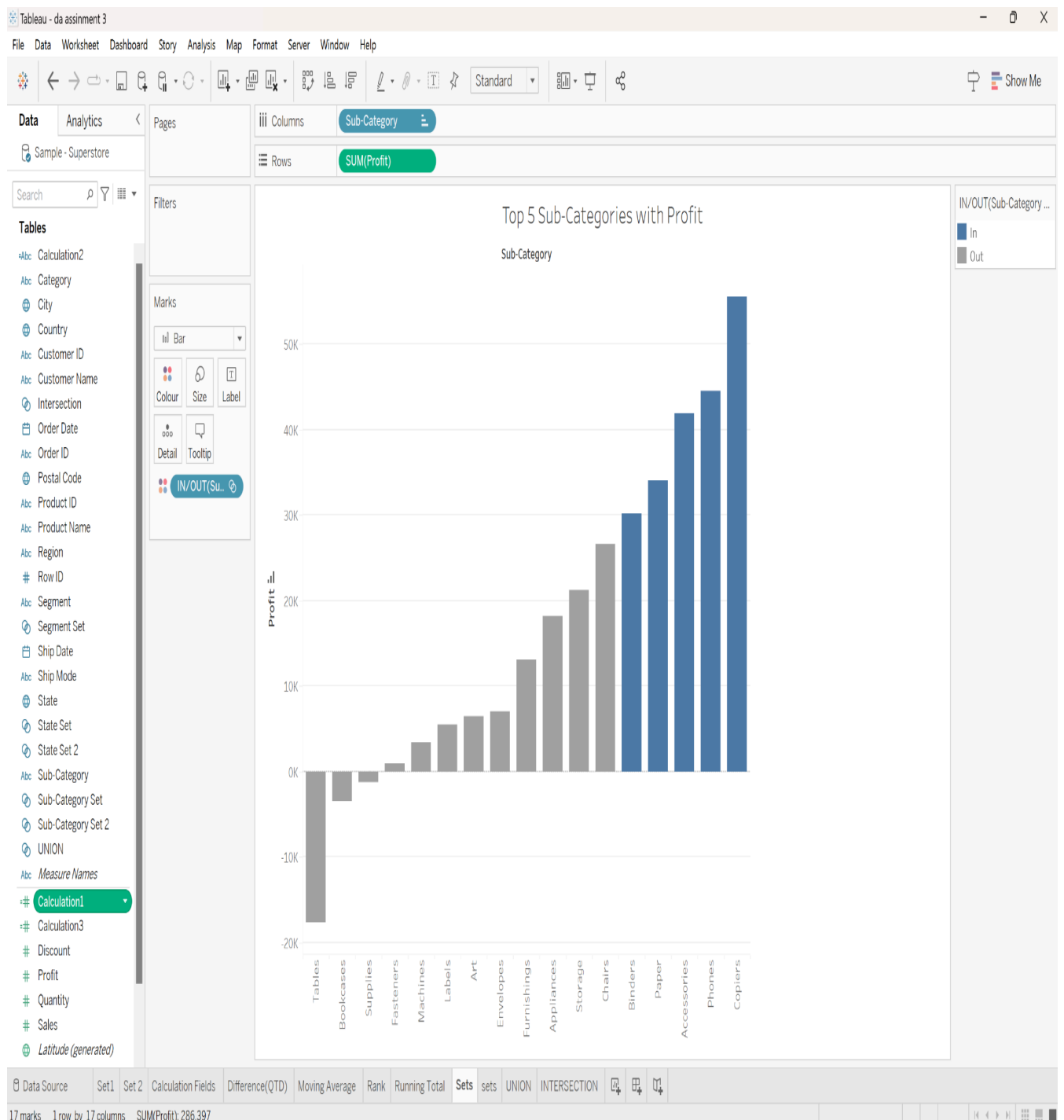
DATA ANALYTICS WITH TABLEAU

ASSIGNMENT-3

SET1- This Set Defines the Top 20 state with highest Sum of Sales

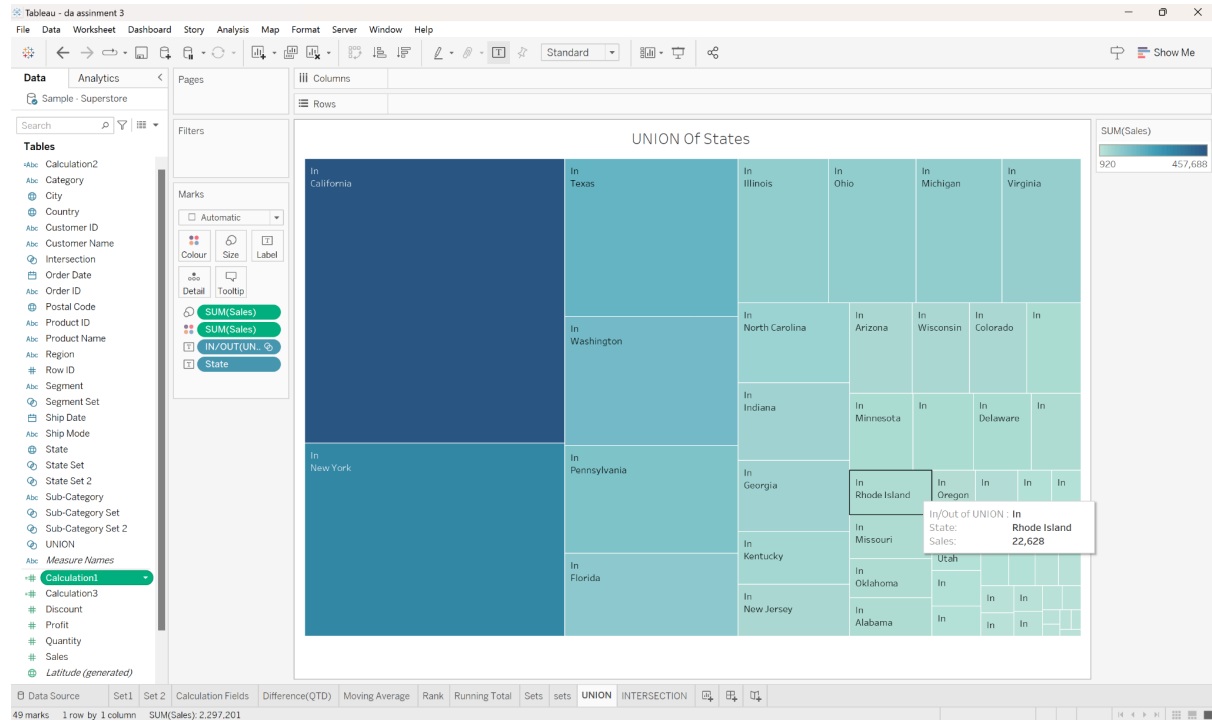


SET2-This set defines the Top 5 Sub-Categories with Highest Sum of Profits



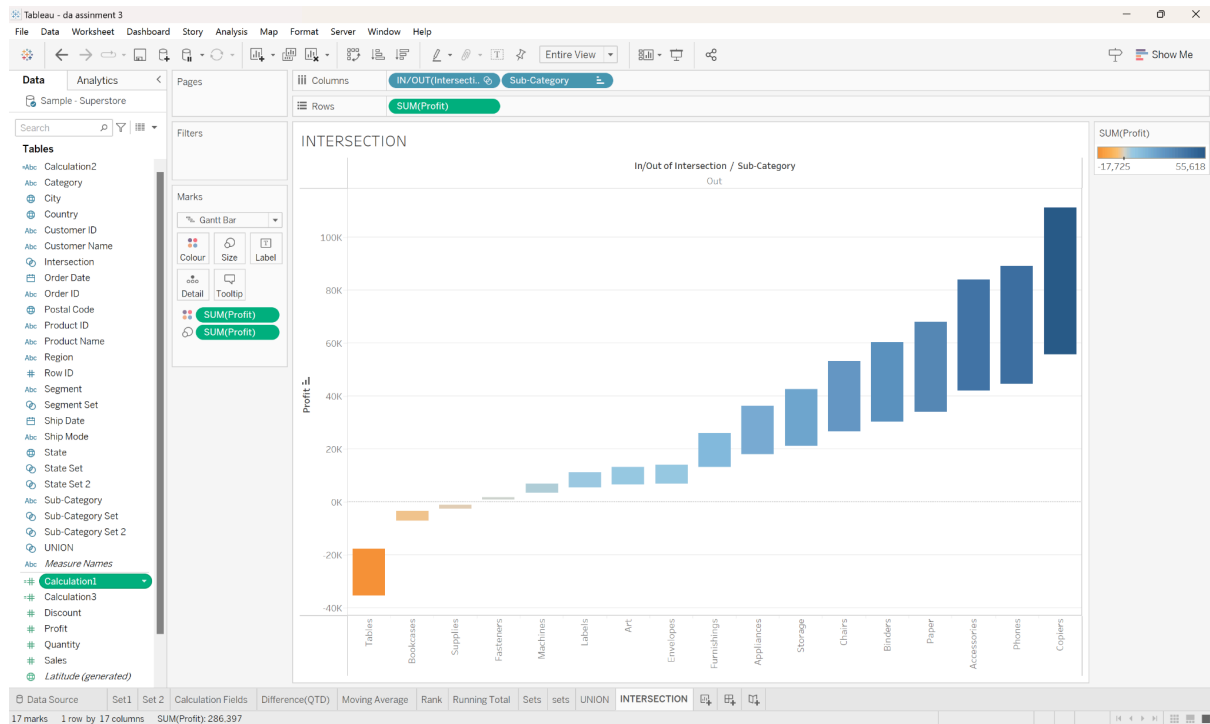
COMBINED SETS

1.UNION



This Combined Set Defines the Union of States with Highest Sum of Sales and States With Sum of Sales greater than 500.

2.INTERSECTION



This Combined Set Defines the Common Sub-Categories which are in top 5 with Highest Sum of Profit and Sub-Categories having Profit less than 1000.

CALCULATION FIELDS

1.[Profit]-[Discount]

Tableau - da assnment 3

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Calculation2

Category

City

Country

Customer ID

Customer Name

Intersection

Order Date

Order ID

Postal Code

Product ID

Product Name

Region

Row ID

Segment

Segment Set

Ship Date

Ship Mode

State

State Set

State Set 2

Sub-Category

Sub-Category Set

Sub-Category Set 2

UNION

Measure Names

Calculation1

Calculation3

Discount

Profit

Quantity

Sales

Latitude (generated)

Filters

Measure Names

Marks

Automatic

Colour

Size

Text

Detail

Tooltip

Measure Values

SUM(Calculation1)

SUM(Calculation3)

Measure Values

SUM(Calculation1)

SUM(Calculation3)

Columns

Measure Names

Rows

Sub-Category

Category

Calculation Fields

Sub-Catego..	Category	Calcula..	Calcula..
Accessories	Technology	41,876	214,530
Appliances	Office Supplies	18,060	97,774
Art	Office Supplies	6,468	32,710
Binders	Office Supplies	29,655	137,437
Bookcases	Furniture	-3,521	-20,823
Chairs	Furniture	26,485	151,465
Copiers	Technology	55,607	251,546
Envelopes	Office Supplies	6,944	30,918
Fasteners	Office Supplies	932	5,162
Furnishings	Furniture	12,927	71,964
Labels	Office Supplies	5,521	31,367
Machines	Technology	3,350	26,564
Paper	Office Supplies	33,951	168,007
Phones	Technology	44,378	218,944
Storage	Office Supplies	21,216	110,941
Supplies	Office Supplies	-1,204	-5,062
Tables	Furniture	-17,809	-93,015

Calculation1

[Profit]-[Discount]

The calculation is valid.

2 Dependencies

Apply

OK

Data Source

Set1

Set 2

Calculation Fields

Difference(QTD)

Moving Average

Rank

Running Total

Sets

sets

UNION

INTERSECTION

34 marks

17 rows by 2 columns

SUM of Measure Values: 1,715,265

2.[Profit]*[Quantity]

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Calculation2

Category

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Country

Customer ID

Customer Name

Intersection

Order Date

Order ID

Postal Code

Product ID

Product Name

Region

Row ID

Segment

Segment Set

Ship Date

Ship Mode

State

State Set

State Set 2

Sub-Category

Sub-Category Set

Sub-Category Set 2

UNION

Measure Names

Calculation1

Calculation3

Discount

Profit

Quantity

Sales

Latitude (generated)

Filters

Measure Names

Marks

Automatic

Colour

Size

Text

Detail

Tooltip

Measure Values

SUM(Calculation1)

SUM(Calculation3)

Measure Values

SUM(Calculation1)

SUM(Calculation3)

Columns

Measure Names

Rows

Sub-Category

Category

Calculation Fields

Sub-Catego..	Category	Calcula..	Calcula..
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Appliances	Office Supplies	18,060	97,774
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Paper	Office Supplies	33,951	168,007
Phones	Technology	44,378	218,944
Storage	Office Supplies	21,216	110,941
Supplies	Office Supplies	-1,204	-5,062
Tables	Furniture	-17,809	-93,015

Calculation3

[Profit]*[Quantity]

The calculation is valid.

2 Dependencies

Apply

OK

Data Source

Set1

Set 2

Calculation Fields

Difference(QTD)

Moving Average

Rank

Running Total

Sets

sets

UNION

INTERSECTION

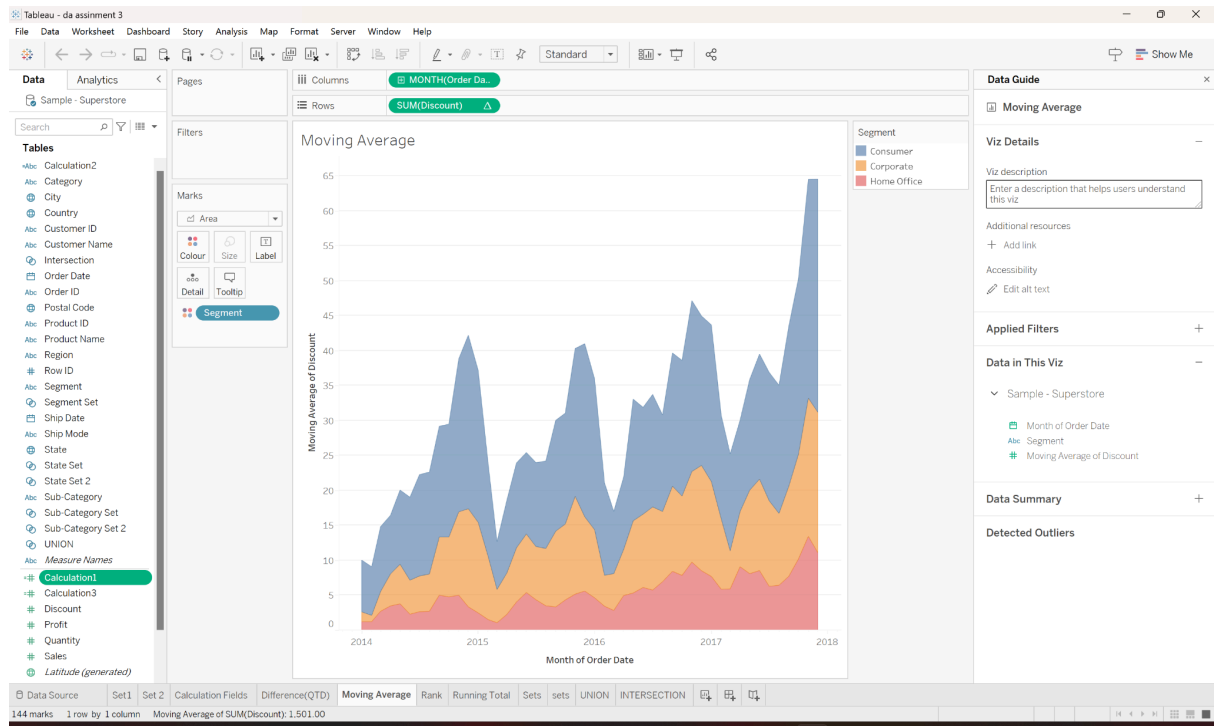
34 marks

17 rows by 2 columns

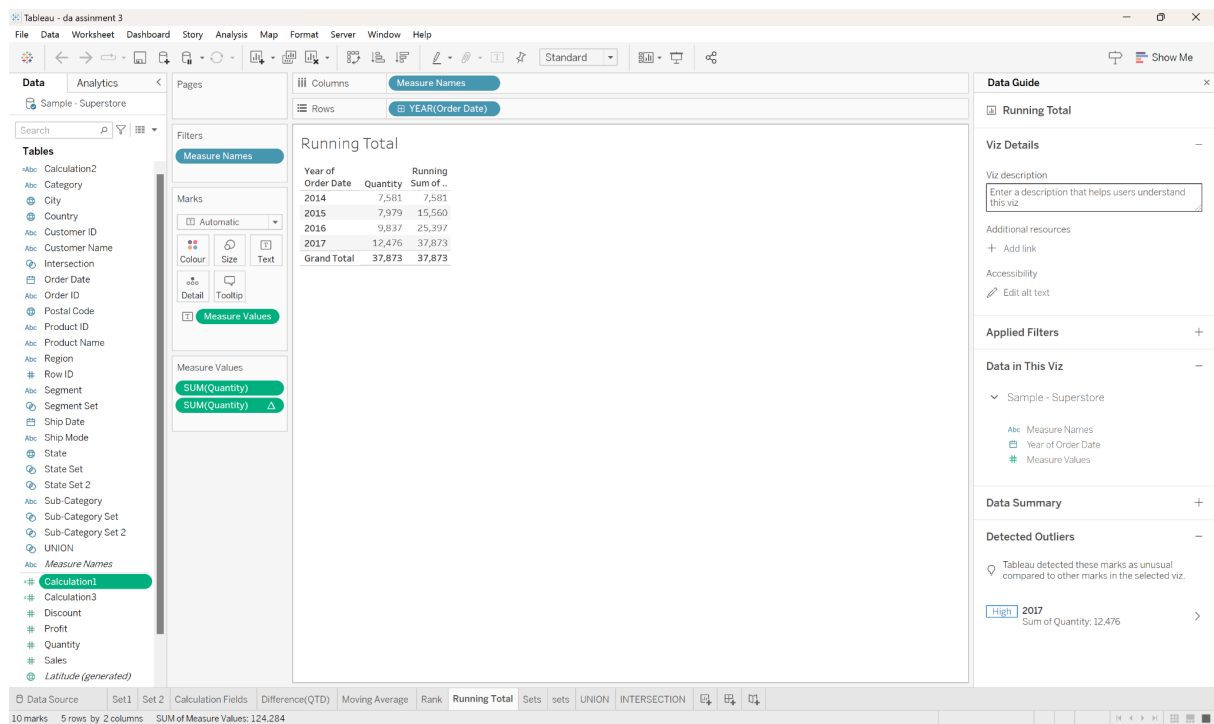
SUM of Measure Values: 1,715,265

QUICK TABLE CALCULATION

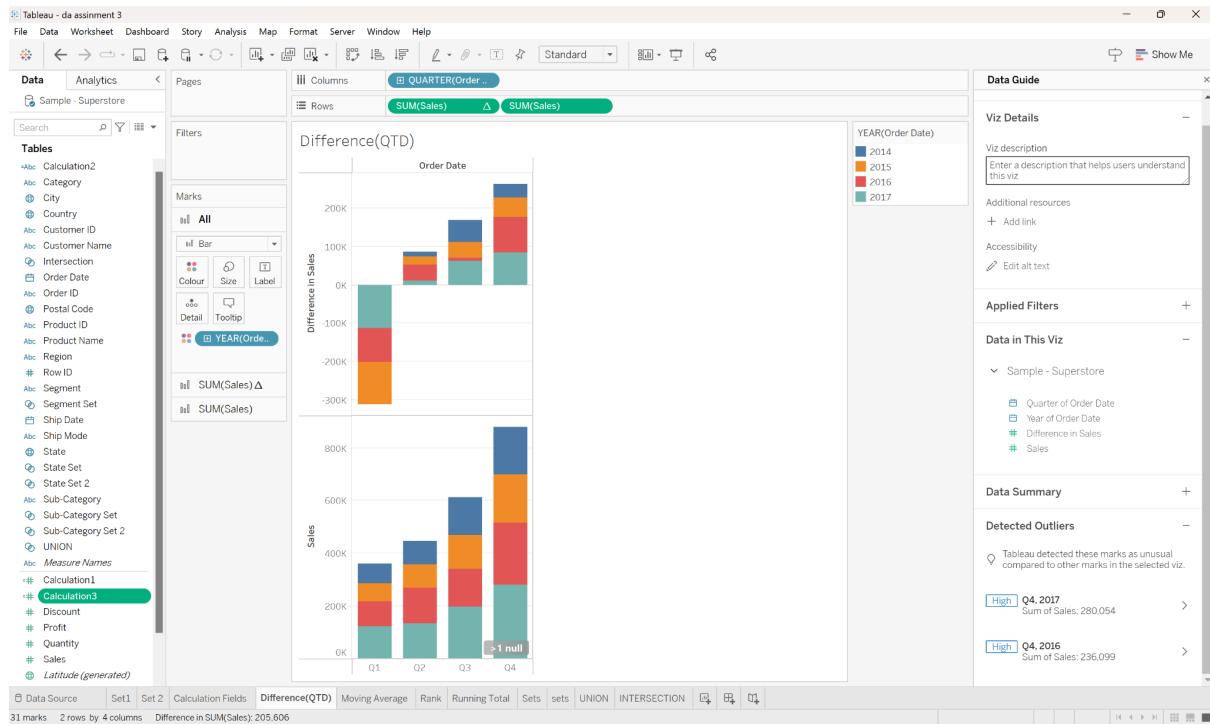
1.Moving Average



2.Running Total



3.Difference



4.Rank

