

TASK-1:

FIXED LOD EXPRESSION:

- 1.This visualization represents abouts fixed lod expressions.
- 2.The expression we used in this visualization is{Fixed[Region]:SUM([Sales])}.
- 3.In this visualization we can see the fixed values of region and category in a fixed way.

Tableau - a4

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Standard

Show Me

Data Analytics

Orders (Sample - Superst...)

Search

Tables

- Category
- City
- Country
- Customer ID
- Customer Name
- dimensional p calculation
- Order Date
- Order ID
- Postal Code
- Product ID
- Product Name
- Region
- Row ID
- Segment
- Ship Date
- Ship Mode
- State
- Sub-Category
- Measure Names
- Discount
- Exclude
- Fixed
- Profit
- Quantity

Parameters

- DYNAMIC DIMENSIONAL P...
- Top 4,8,12 parameter

Columns: Measure Names

Rows: Region, Category

Filters: Measure Names

Marks: Automatic

Color Size Text

Detail Tooltip

Measure Values: SUM(Fixed), SUM(Sales)

FIXED LOD EXPRESSION:

Region	Category	Fixed	Sales
Central	Furniture	501,240	163,797
	Office Supplies	501,240	167,026
	Technology	501,240	170,416
East	Furniture	678,781	208,291
	Office Supplies	678,781	205,516
	Technology	678,781	264,974
South	Furniture	391,722	117,299
	Office Supplies	391,722	125,651
	Technology	391,722	148,772
West	Furniture	725,458	252,613
	Office Supplies	725,458	220,853
	Technology	725,458	251,992

24 marks 12 rows by 2 columns SUM of Measure Values: 9,188,803

EXCLUDE LOD EXPRESSION:

- 1.This visualization represents abouts exclude lod expressions.
- 2.The expression I used in this visualization is {EXCLUDE[Sub-Category]:AVG([Sales])}
- 3.As a result the visualization we can see the total sales excluding sub category and category.

Tableau - a4

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Standard

Show Me

Data Analytics

Orders (Sample - Superst...)

Search

Tables

- Category
- City
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- Customer ID
- Customer Name
- dimensional p calculation
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- Sub-Category
- Measure Names
- Discount
- Exclude
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- Profit
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Parameters

- DYNAMIC DIMENSIONAL P...
- Top 4,8,12 parameter

Pages

Filters

Measure Names

Marks

Automatic

Color Size Text

Detail Tooltip

Measure Values

ATTR(Exclude)

SUM(Fixed)

SUM(Sales)

Columns

Measure Names

Rows

Sub-Category

Category

EXCLUDE LOD EXPRESSION

Sub-Catego...	Category	Exclude	Fixed	Sales
Accessories	Technology	453	2,297,201	167,380
Appliances	Office Supplies	119	2,297,201	107,532
Art	Office Supplies	119	2,297,201	27,119
Binders	Office Supplies	119	2,297,201	203,413
Bookcases	Furniture	350	2,297,201	114,880
Chairs	Furniture	350	2,297,201	328,449
Copiers	Technology	453	2,297,201	149,528
Envelopes	Office Supplies	119	2,297,201	16,476
Fasteners	Office Supplies	119	2,297,201	3,024
Furnishings	Furniture	350	2,297,201	91,705
Labels	Office Supplies	119	2,297,201	12,486
Machines	Technology	453	2,297,201	189,239
Paper	Office Supplies	119	2,297,201	78,479
Phones	Technology	453	2,297,201	330,007
Storage	Office Supplies	119	2,297,201	223,844
Supplies	Office Supplies	119	2,297,201	46,674
Tables	Furniture	350	2,297,201	206,966

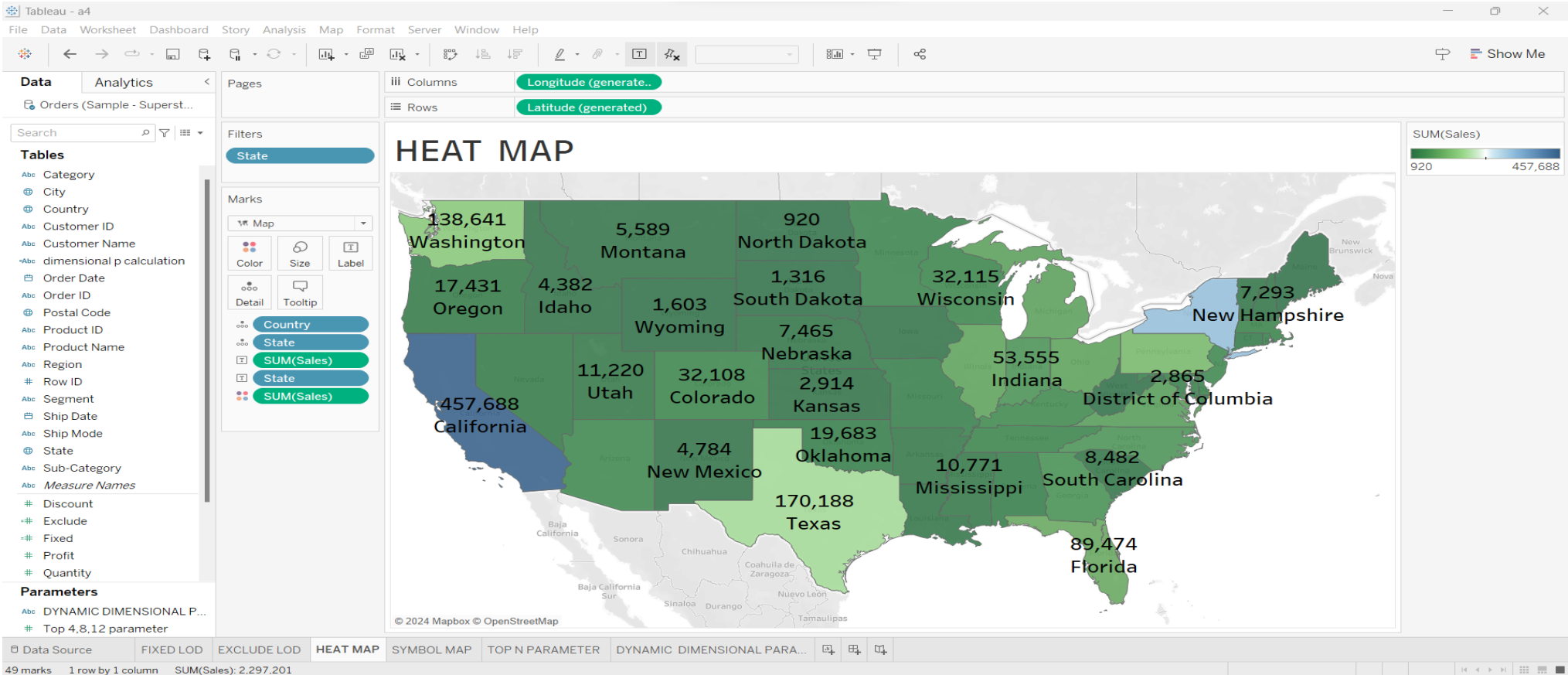
Data Source FIXED LOD EXCLUDE LOD HEAT MAP SYMBOL MAP TOP N PARAMETER DYNAMIC DIMENSIONAL PARA...

51 marks 17 rows by 3 columns SUM of Measure Values: 41,353,900

TASK-2:

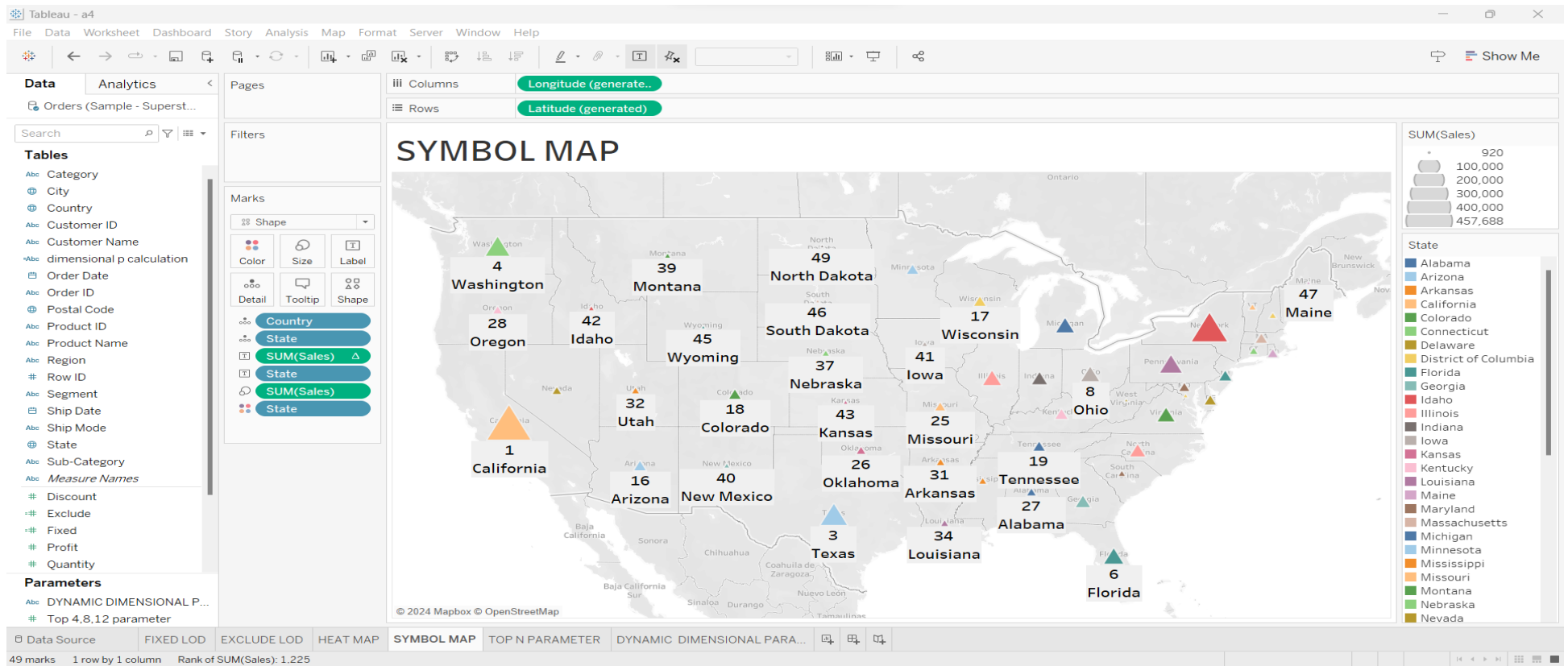
HEAT MAP:

- 1.This visualization represents about heat map.
- 2 .In this visualization we can see states of United states by sales.
- 3.Here California has highest sales with 457,688.



SYMBOL MAP:

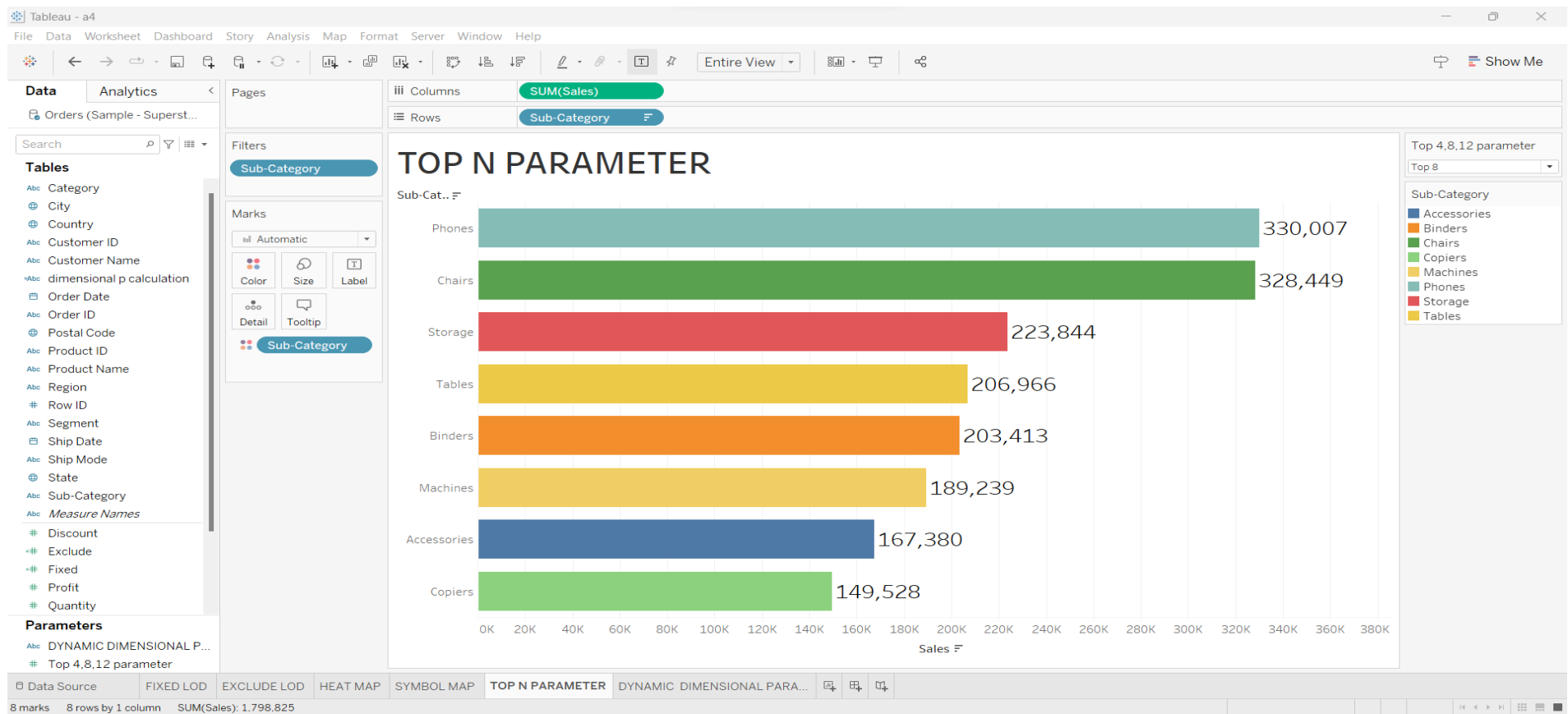
- 1.This visualization represents about symbol map.
- 2.In this visualization we can see the ranks of states of United states by sales and coloured triangle indicates about sales
- 3.Here California been at first rank in sales in United states.



TASK-3

TOP N PARAMETER:

- 1.This visualization represents about the top n parameter.
- 2.This Top n parameter contains top 4,8,12.
- 3.As a result we can see bar chart with top 8 sub category by sales.



DYNAMIC DIMENSIONAL PARAMETER:

- 1.This visualization represents about dynamic dimensional parameter.
- 2.This dimensional parameter contains region and sub category.
- 3.As a result we can see pie chart with region by quantity

