Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

DATA ANALYTICS

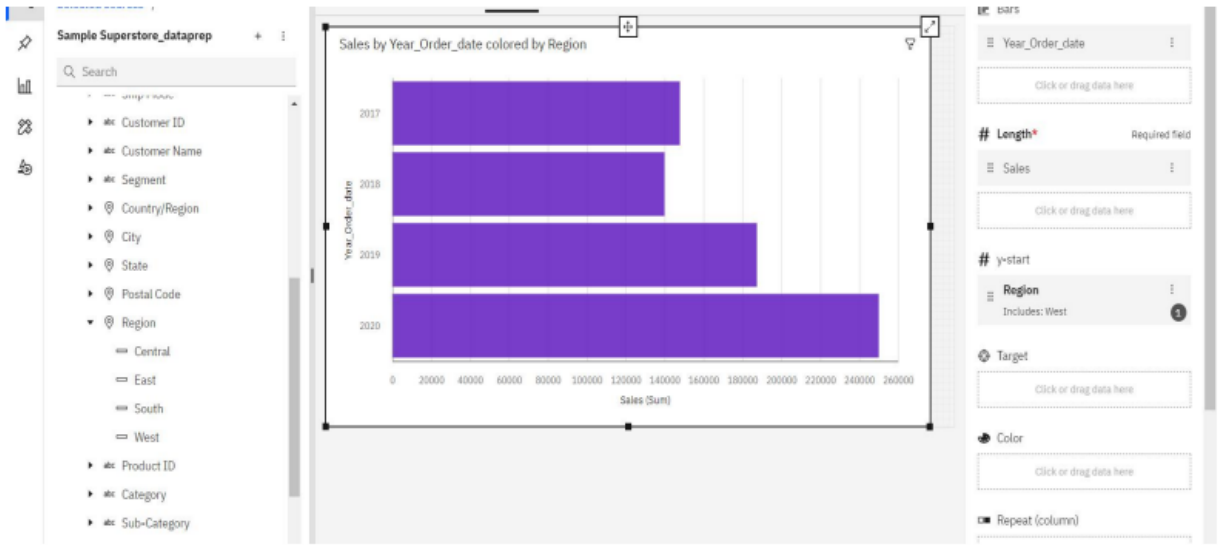
ASSIGNMENT 1

NAME: Harendhar K

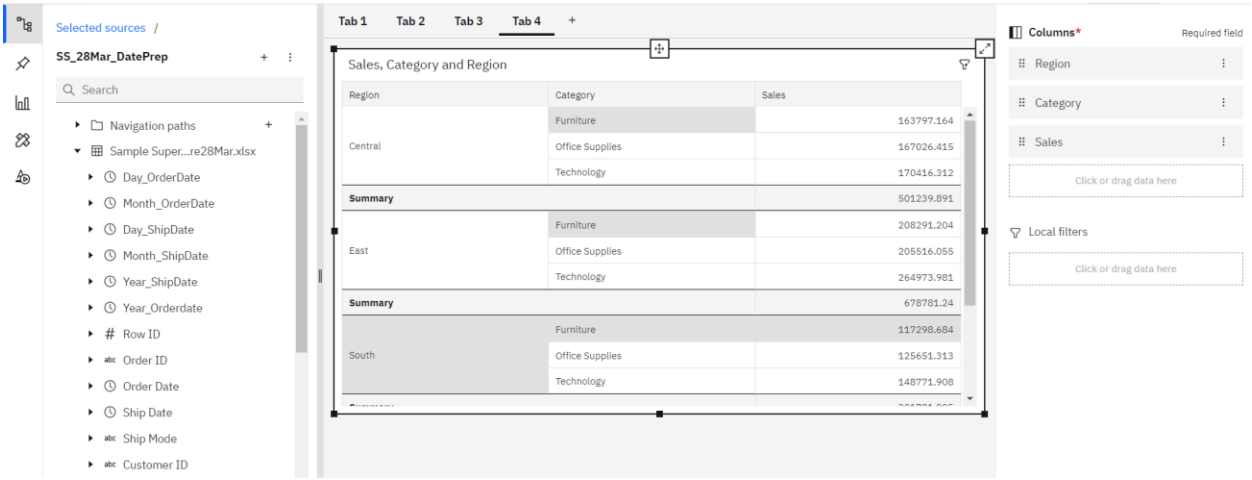
Reg No: 19BEE0140

Campus: Vellore

1)



2)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SS_28Mar_DatePrep
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Navigation paths
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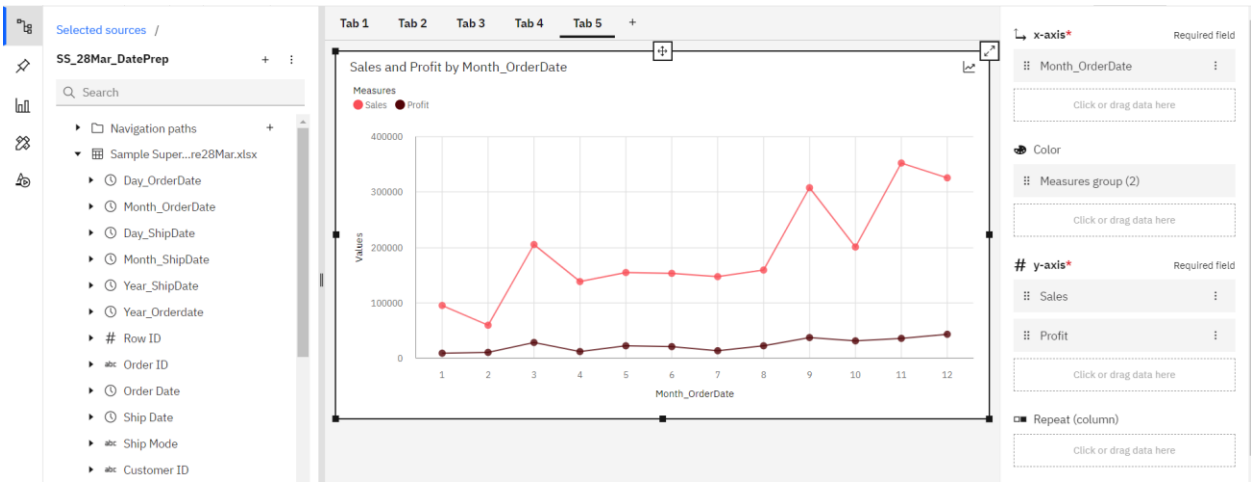
Day_OrderDate
Month_OrderDate
Day_ShipDate
Month_ShipDate
Year_ShipDate
Year_Orderdate
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Tab 1
Tab 2
Tab 3
Tab 4
Sales, Category and Region
Region
Category
Sales
Central
Furniture 163797.164
Office Supplies 167026.415
Technology 170416.312
Summary 501239.891
East
Furniture 208291.204
Office Supplies 205516.055
Technology 264973.981
Summary 678781.24
South
Furniture 117298.684
Office Supplies 125651.313
Technology 148771.908
Columns*
Required field
Region
Category
Sales
Click or drag data here
Local filters
Click or drag data here

3)


Selected sources /
SS_28Mar_DatePrep
Search
Navigation paths
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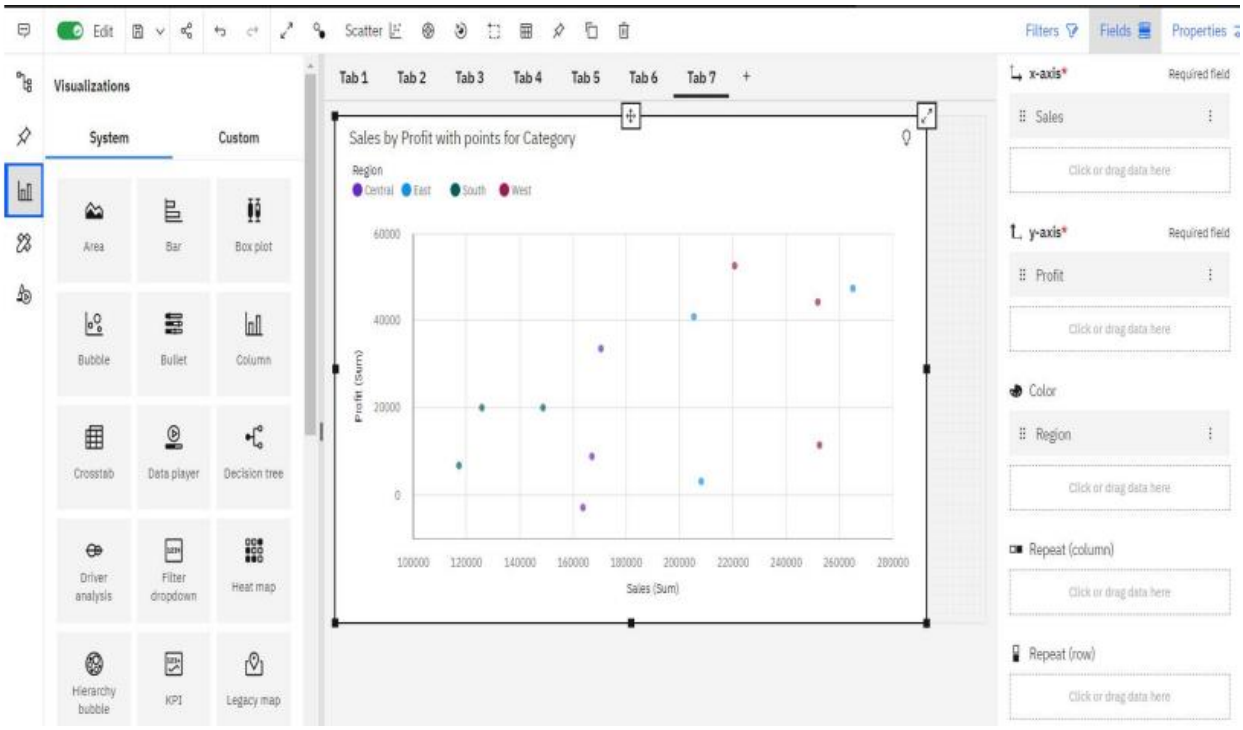
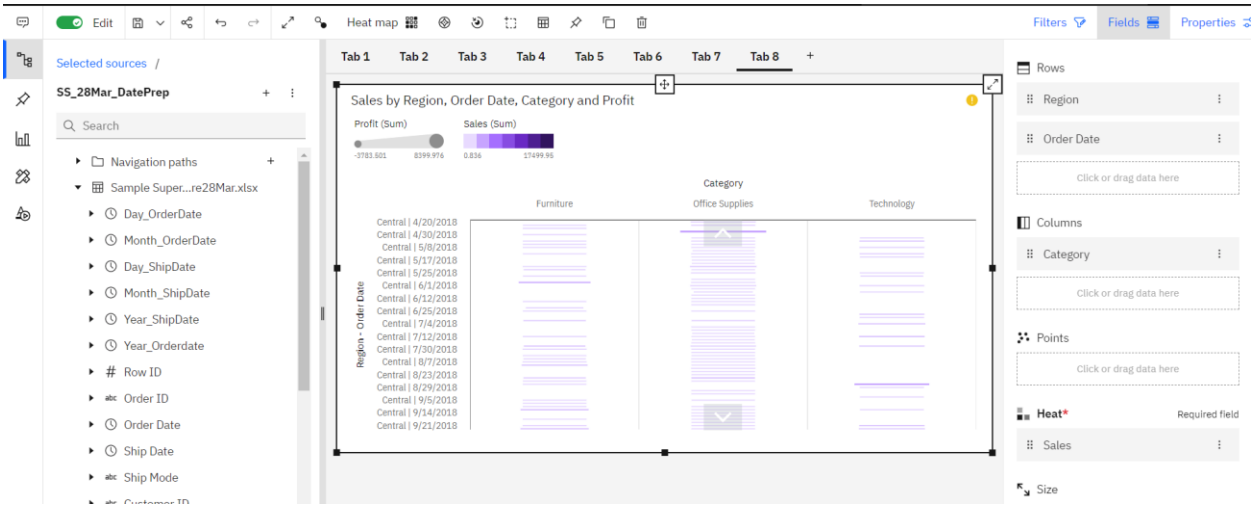
Day_OrderDate
Month_OrderDate
Day_ShipDate
Month_ShipDate
Year_ShipDate
Year_Orderdate
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Sales and Profit by Month_OrderDate
Measures
Sales
Profit
400000
300000
200000
100000
0
Values
1
2
3
4
5
6
7
8
9
10
11
12
Month_OrderDate
x-axis*
Required field
Month_OrderDate
Click or drag data here
Color
Measures group (2)
Click or drag data here
y-axis*
Required field
Sales
Profit
Click or drag data here
Repeat (column)
Click or drag data here

4)


Edit
Scatter
Filters
Fields
Properties
Visualizations
System
Custom
Area
Bar
Box plot
Bubble
Bullet
Column
Crosstab
Data player
Decision tree
Driver analysis
Filter dropdown
Heat map
Hierarchy bubble
KPI
Legacy map
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Sales by Profit with points for Category
Region
Central
East
South
West
Profit (Sum)
Sales (Sum)
x-axis*
Required field
Sales
Click or drag data here
y-axis*
Profit
Color
Region
Repeat (column)
Repeat (row)

5)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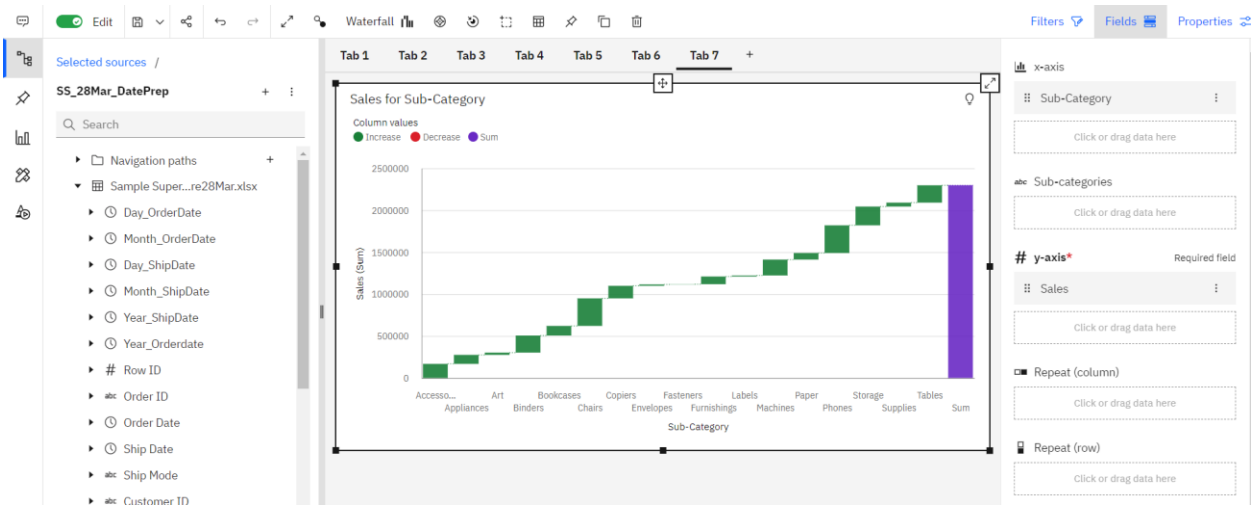
Heat map
Filters
Fields
Properties
Selected sources
SS_28Mar_DatePrep
Search
Navigation paths
Sample Super...re28Mar.xlsx
Day_OrderDate
Month_OrderDate
Day_ShipDate
Month_ShipDate
Year_ShipDate
Year_Orderdate
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tab 8
Sales by Region, Order Date, Category and Profit
Profit (Sum)
Sales (Sum)
Category
Furniture
Office Supplies
Technology
Region - Order Date
Rows
Region
Order Date
Columns
Category
Points
Heat*
Required field
Sales
Size

6)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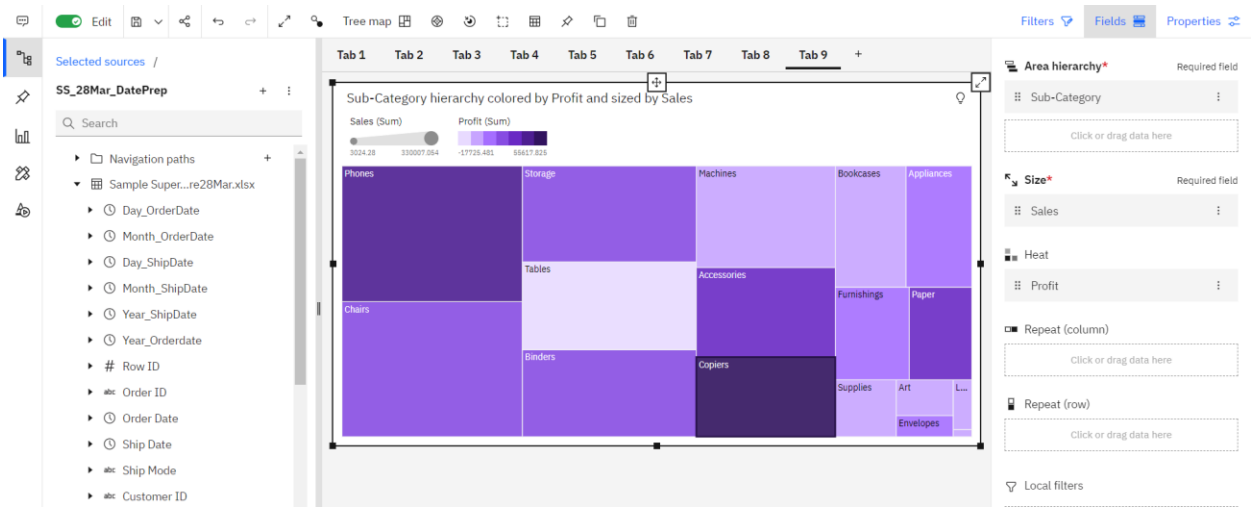
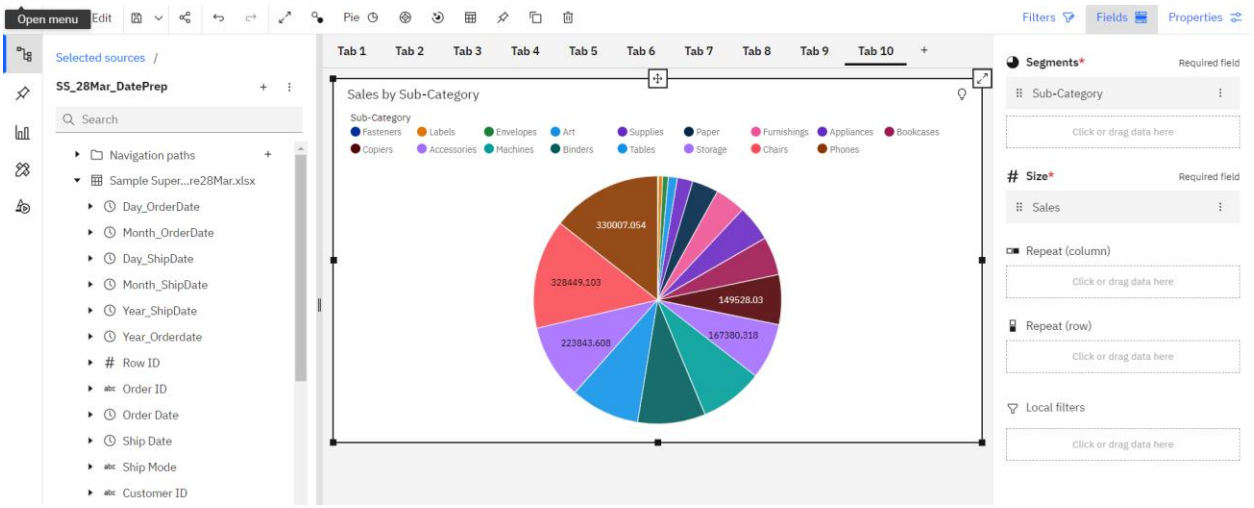
Waterfall
Filters
Fields
Properties
Selected sources /
SS_28Mar_DatePrep
Search
Navigation paths
Sample Super...re28Mar.xlsx
Day_OrderDate
Month_OrderDate
Day_ShipDate
Month_ShipDate
Year_ShipDate
Year_Orderdate
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Sales for Sub-Category
Column values
Increase
Decrease
Sum
2500000
2000000
1500000
1000000
500000
0
Sales (Sum)
Accesso...
Appliances
Art
Binders
Bookcases
Chairs
Copiers
Envelopes
Fasteners
Furnishings
Labels
Machines
Paper
Phones
Storage
Supplies
Tables
Sum
Sub-Category
x-axis
Sub-Category
Click or drag data here
Sub-categories
y-axis*
Required field
Sales
Repeat (column)
Repeat (row)

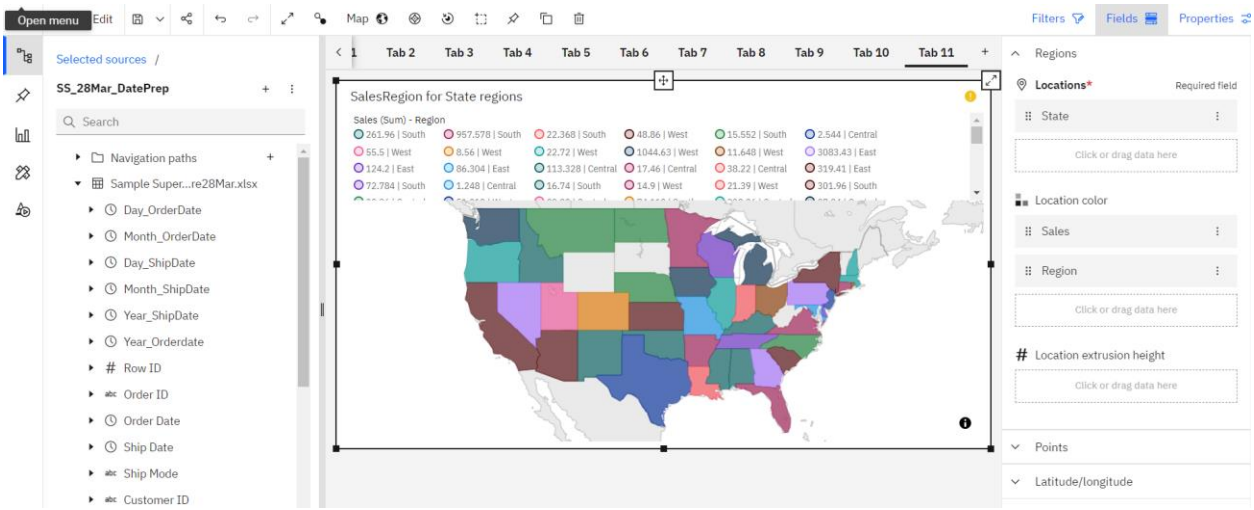
7)


Edit
Tree map
Filters
Fields
Properties
Selected sources /
SS_28Mar_DatePrep
Search
Navigation paths
Sample Super...re28Mar.xlsx
Day_OrderDate
Month_OrderDate
Day_ShipDate
Month_ShipDate
Year_ShipDate
Year_Orderdate
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tab 8
Tab 9
Sub-Category hierarchy colored by Profit and sized by Sales
Sales (Sum)
3024.28
330007.054
Profit (Sum)
-17725.481
55617.825
Phones
Storage
Machines
Bookcases
Appliances
Tables
Accessories
Furnishings
Paper
Chairs
Binders
Copiers
Supplies
Art
Envelopes
Area hierarchy*
Required field
Sub-Category
Size*
Sales
Heat
Profit
Repeat (column)
Repeat (row)
Local filters

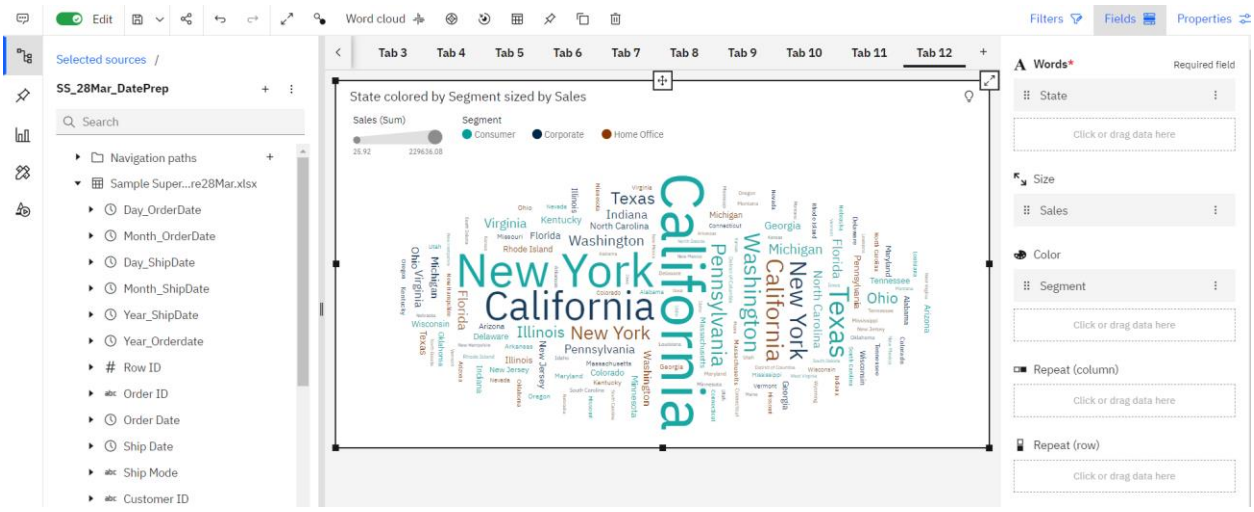
8)


Open menu
Edit
Pie
Filters
Fields
Properties
Selected sources /
SS_28Mar_DatePrep
Search
Navigation paths
Sample Super...re28Mar.xlsx
Day_OrderDate
Month_OrderDate
Day_ShipDate
Month_ShipDate
Year_ShipDate
Year_Orderdate
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tab 8
Tab 9
Tab 10
Sales by Sub-Category
Sub-Category
Fasteners
Labels
Envelopes
Art
Supplies
Paper
Furnishings
Appliances
Bookcases
Copiers
Accessories
Machines
Binders
Tables
Storage
Chairs
Phones
330007.054
328449.103
149528.03
167380.318
223843.608
Segments*
Required field
Sub-Category
Click or drag data here
Size*
Required field
Sales
Repeat (column)
Repeat (row)
Local filters

9)


Open menu
Edit
Map
Filters
Fields
Properties
Selected sources /
SS_28Mar_DatePrep
Search
Navigation paths
Sample Super...re28Mar.xlsx
Day_OrderDate
Month_OrderDate
Day_ShipDate
Month_ShipDate
Year_ShipDate
Year_Orderdate
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tab 8
Tab 9
Tab 10
Tab 11
SalesRegion for State regions
Sales (Sum) - Region
Regions
Locations*
Required field
State
Click or drag data here
Location color
Sales
Region
Location extrusion height
Points
Latitude/longitude

10)


Edit
Word cloud
Filters
Fields
Properties
Selected sources /
SS_28Mar_DatePrep
Search
Navigation paths
Sample Super...re28Mar.xlsx
Day_OrderDate
Month_OrderDate
Day_ShipDate
Month_ShipDate
Year_ShipDate
Year_Orderdate
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tab 8
Tab 9
Tab 10
Tab 11
Tab 12
State colored by Segment sized by Sales
Sales (Sum)
26.92
229636.08
Segment
Consumer
Corporate
Home Office
Words*
Required field
State
Click or drag data here
Size
Sales
Color
Segment
Repeat (column)
Repeat (row)