

DATA ANALYTICS

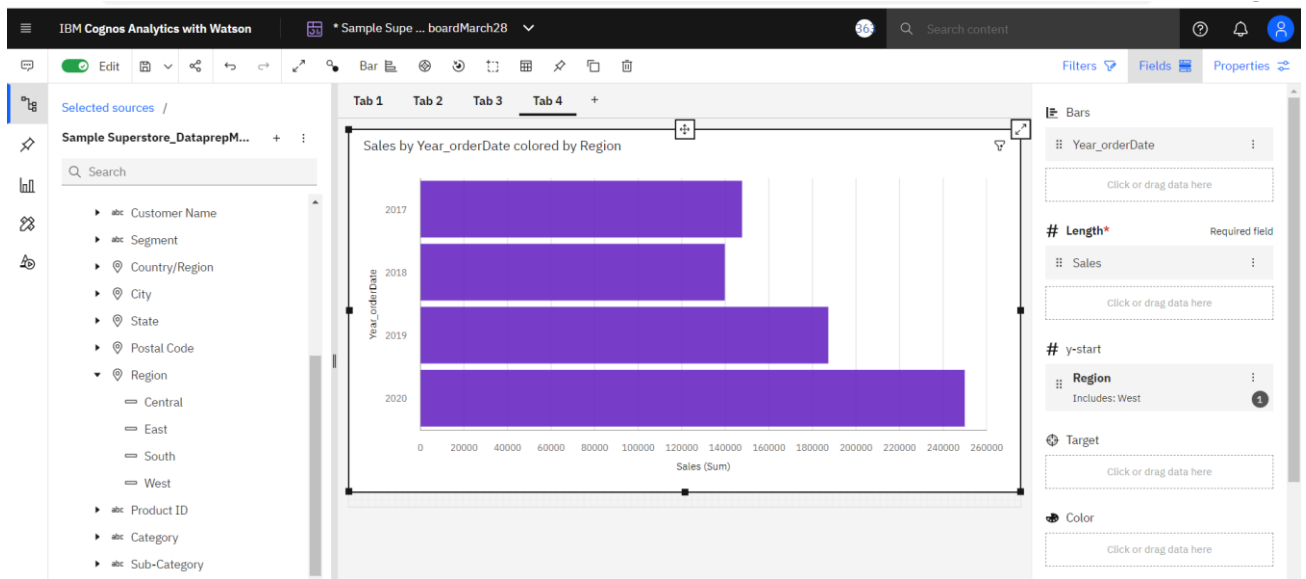
ASSIGNMENT-1

VIT-VELLORE CAMPUS

NAME: ANISH KUMAR

REG.NO : 19BEE0135

1. Build a Bar Chart to show "Sum of Sales by Years in West Region" by using Filters.

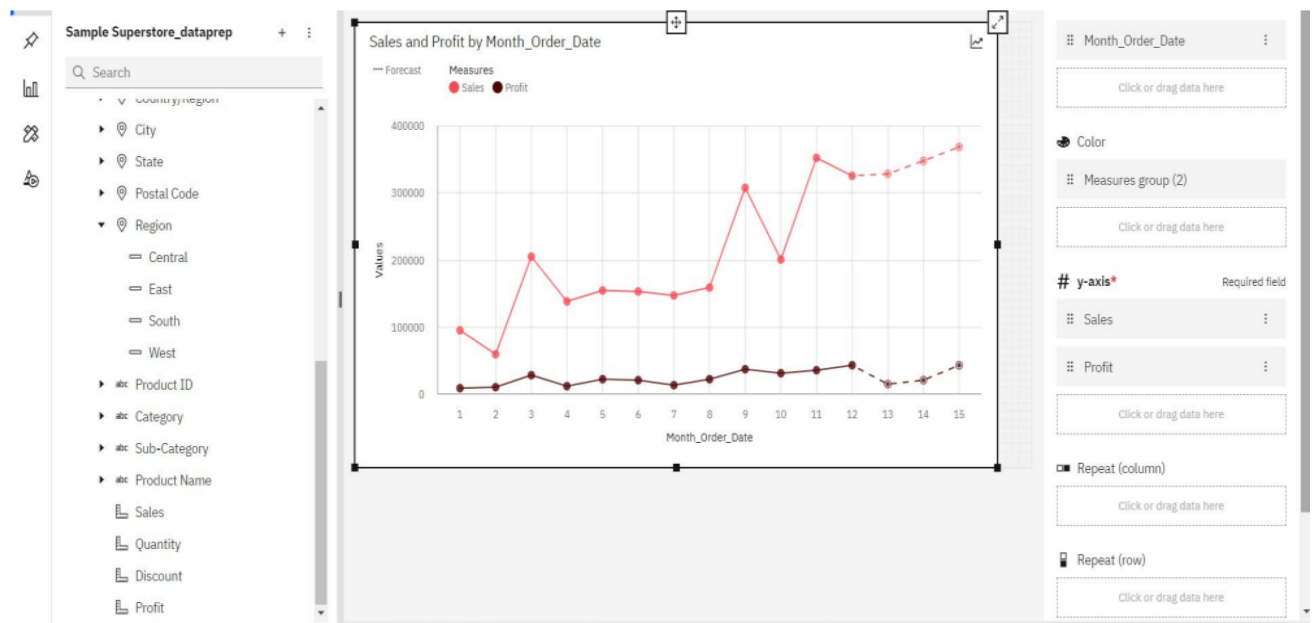


2. Build a Text table to show "Region wise, Category-wise Yearly Sales with Totals."

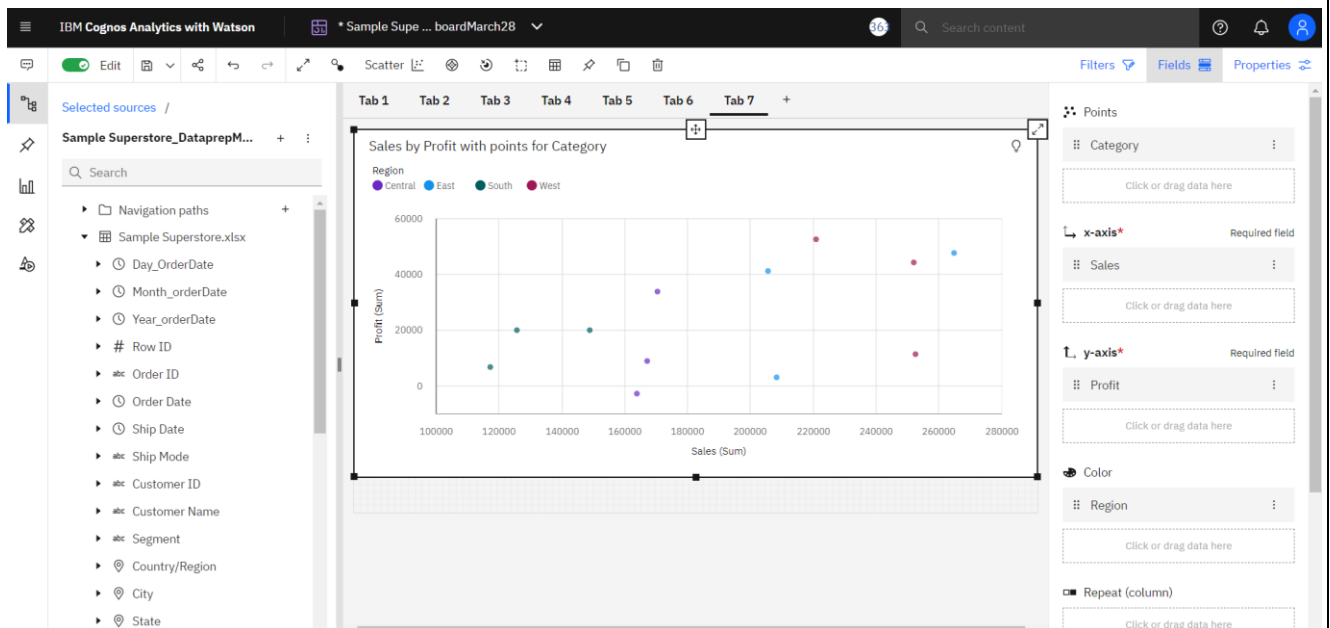
The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Selected sources' pane lists fields from the 'Sample Superstore_DataprepM...' dataset. The main workspace displays a text table titled 'Sales, Category and Region'. The table has three columns: 'Region', 'Category', and 'Sales'. The data is organized by region, with each region having three rows for 'Furniture', 'Office Supplies', and 'Technology', followed by a 'Summary' row. The x-axis represents Sales (Sum) from 0 to 260,000. The y-axis represents Year_orderDate. The table is configured with filters for Region, Category, and Sales. On the right, the 'Properties' pane shows the table configuration: 'Region' is selected for the y-axis, 'Category' is selected for the length, and 'Sales' is selected for the y-start.

Region	Category	Sales
Central	Furniture	163797.16
	Office Supplies	167026.41
	Technology	170416.31
	Summary	501239.89
East	Furniture	208291.20
	Office Supplies	205516.05
	Technology	264973.98
	Summary	678781.2
South	Furniture	117298.68
	Office Supplies	125651.31
	Technology	148771.90
	Summary	391721.90
West	Furniture	252612.74
	Office Supplies	220853.24
	Technology	251991.83
	Summary	725457.81

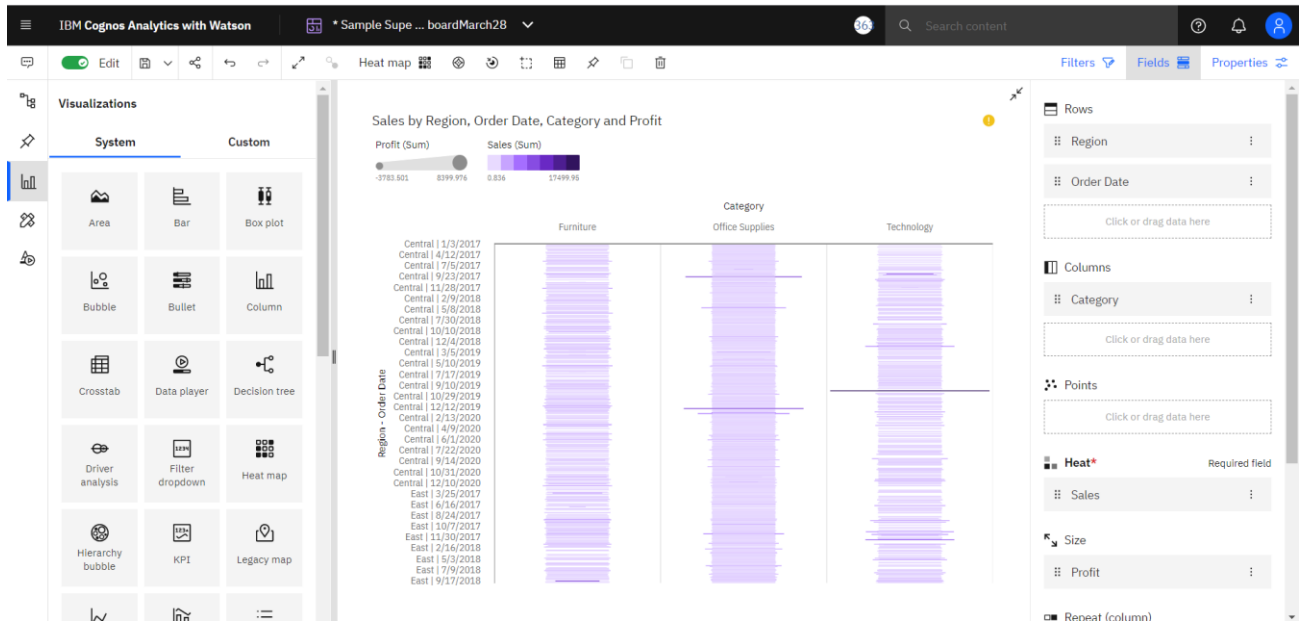
3. Build a Line Chart to show the Forecast of Monthly Sales and Profits.



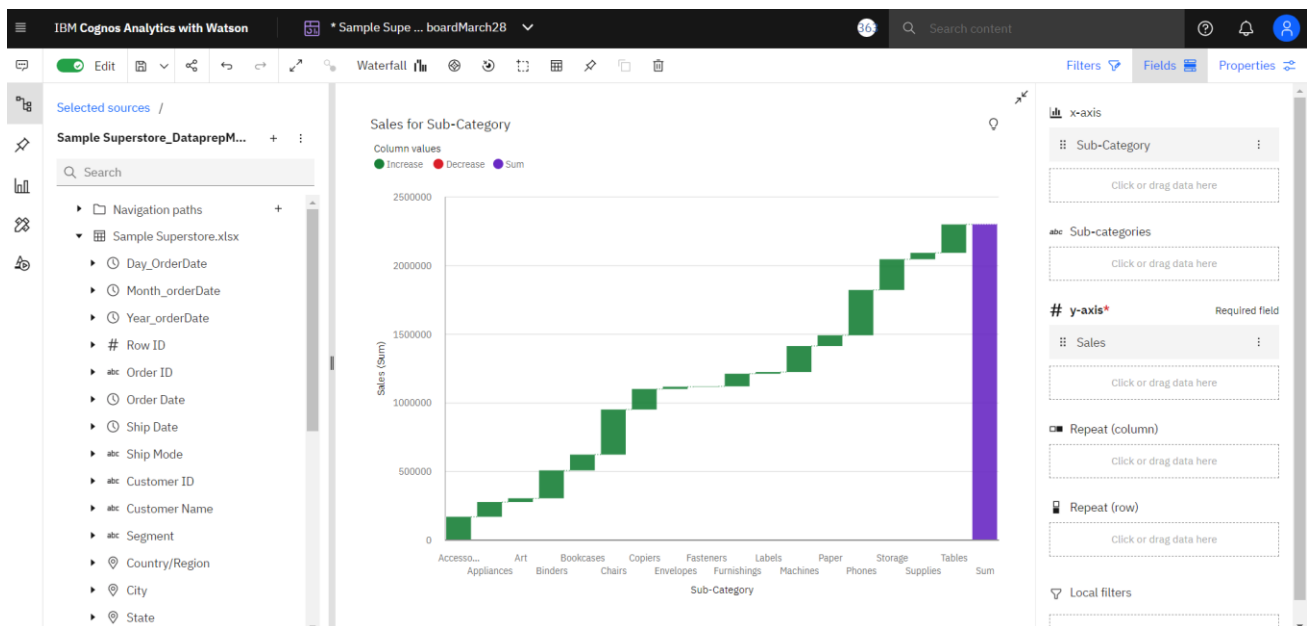
4. Build a Scatter Plot to show the Trends of Sales vs Profits.



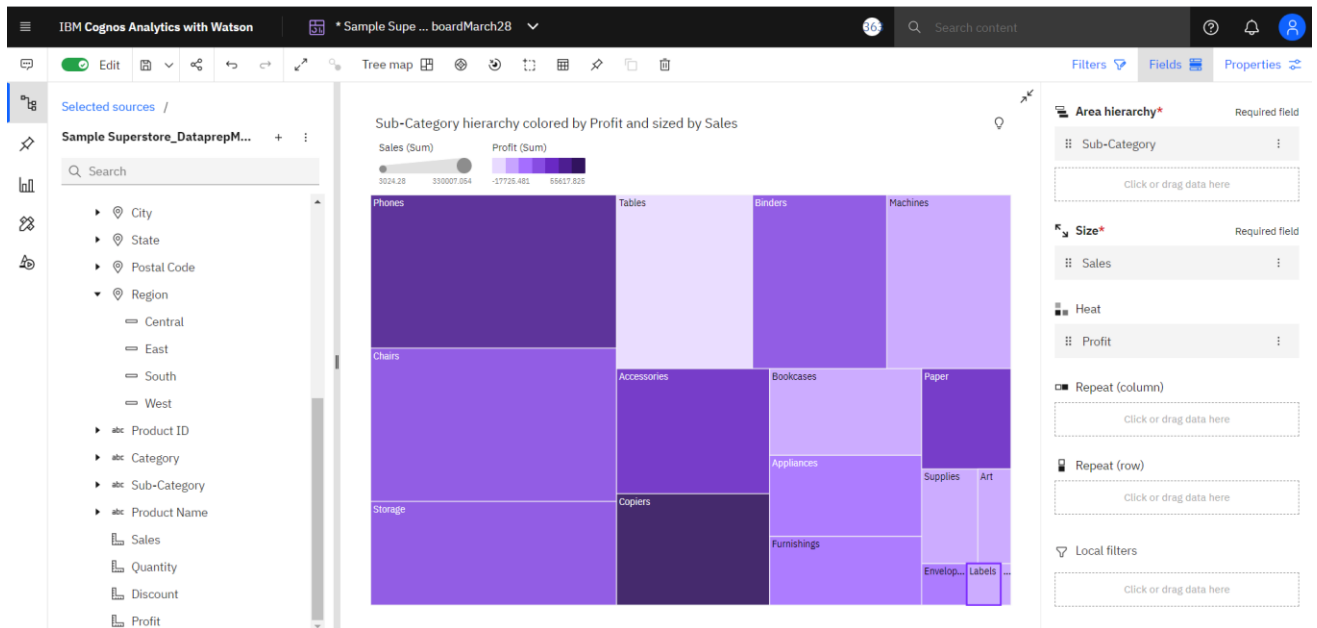
5. Build a Heat Map to show the yearly Sales and Profit by Region and Category.



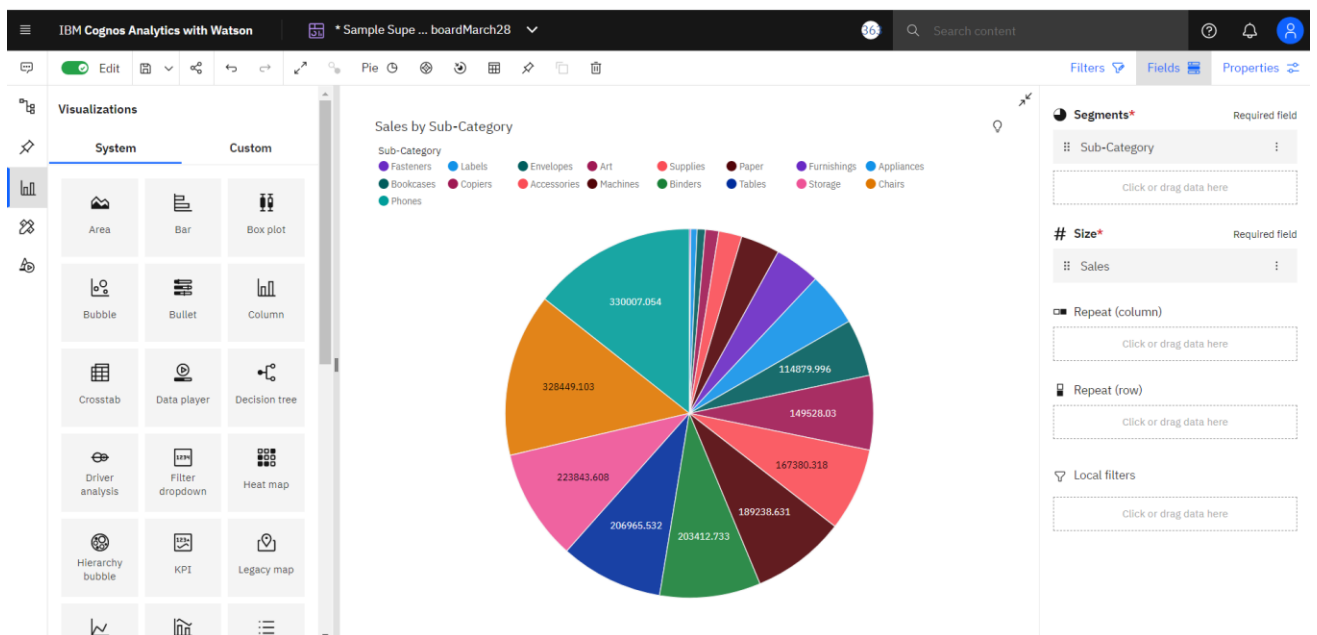
6. Build a Waterfall Chart of Sales by Sub-Category



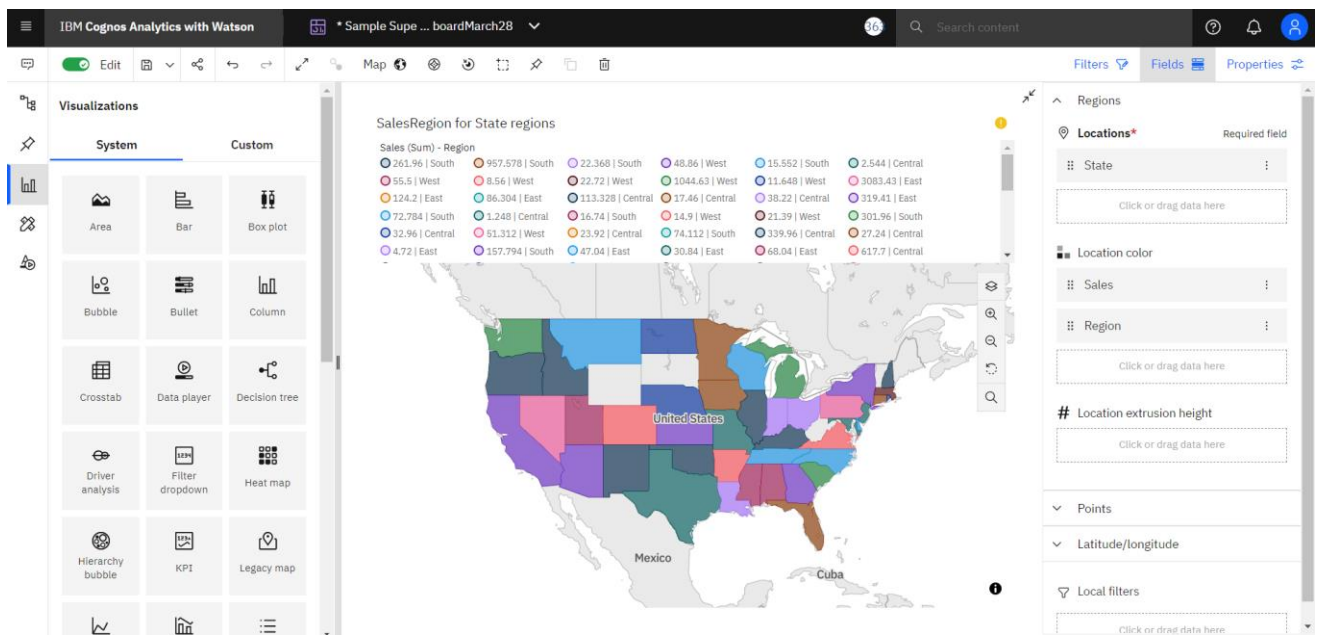
7. Build a Tree map to show Sub-Category wise Sales and Profits.



8. Build a Pie Chart of Sales by Sub-Category.



9. Build a Map visual of Region and Sales for State points.



10. Build a Word Cloud Visual showing the Sales vs Profits of States by Segment Colours

