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Data Analytics

VIT Vellore, Tamil Nadu

Assignment-1

Dataset: Salex.xls

Link To Dashboard:

https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fsales%2BDataDashboard&action=view&mode=dashboard&subView=model000001805fd0c31b_00000000

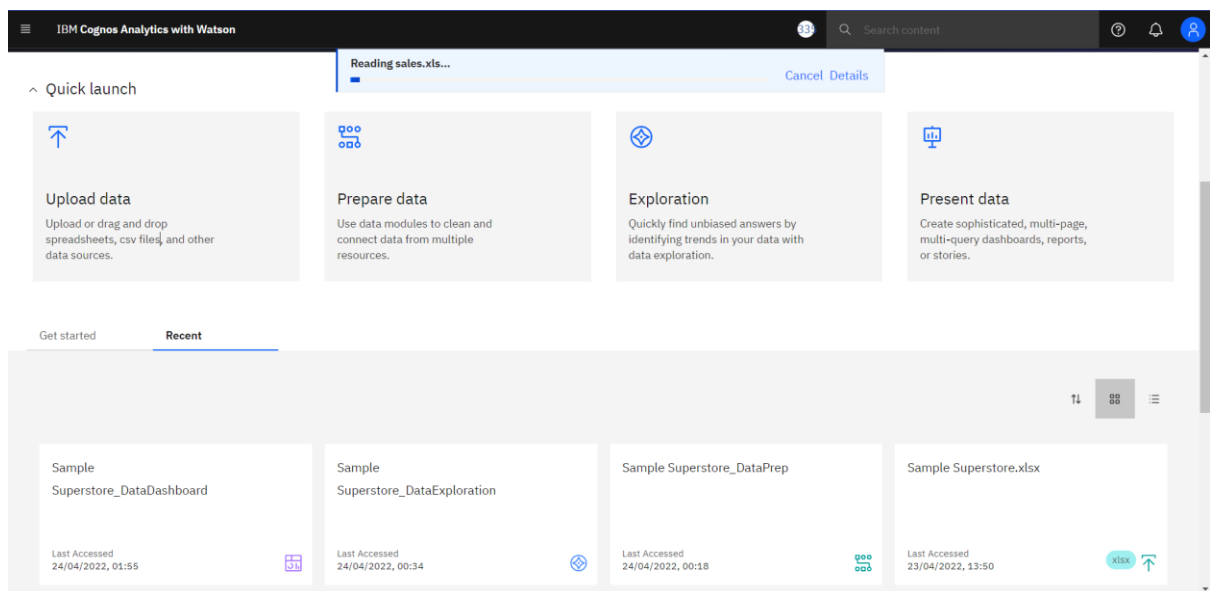


Fig: uploading the Sales.xls file to the Cognos.

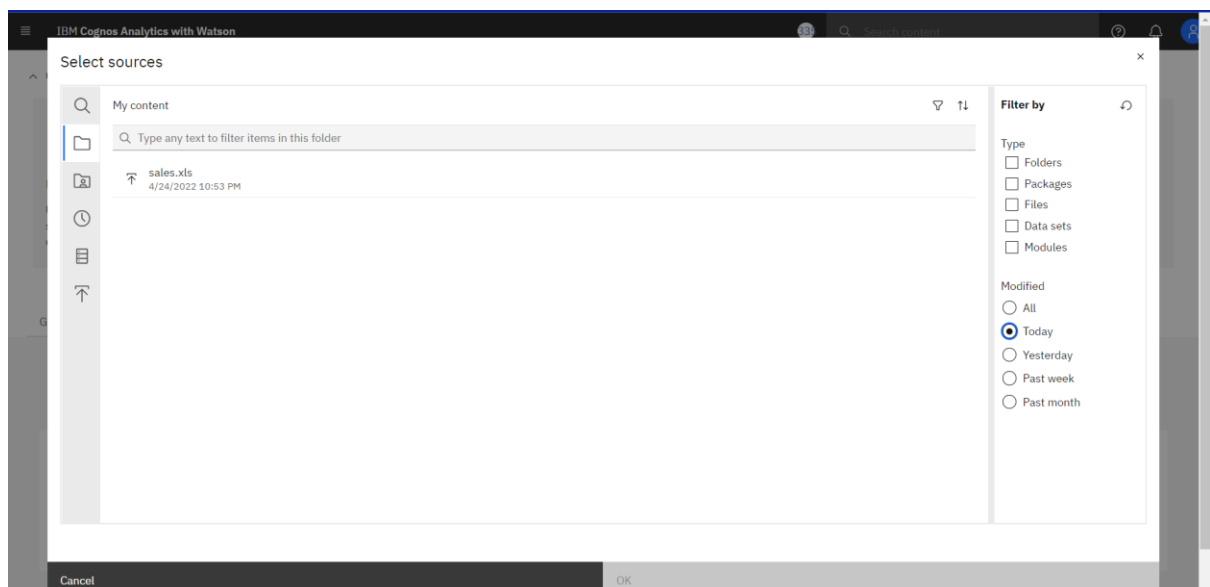


Fig: Preparation of data sales.xls

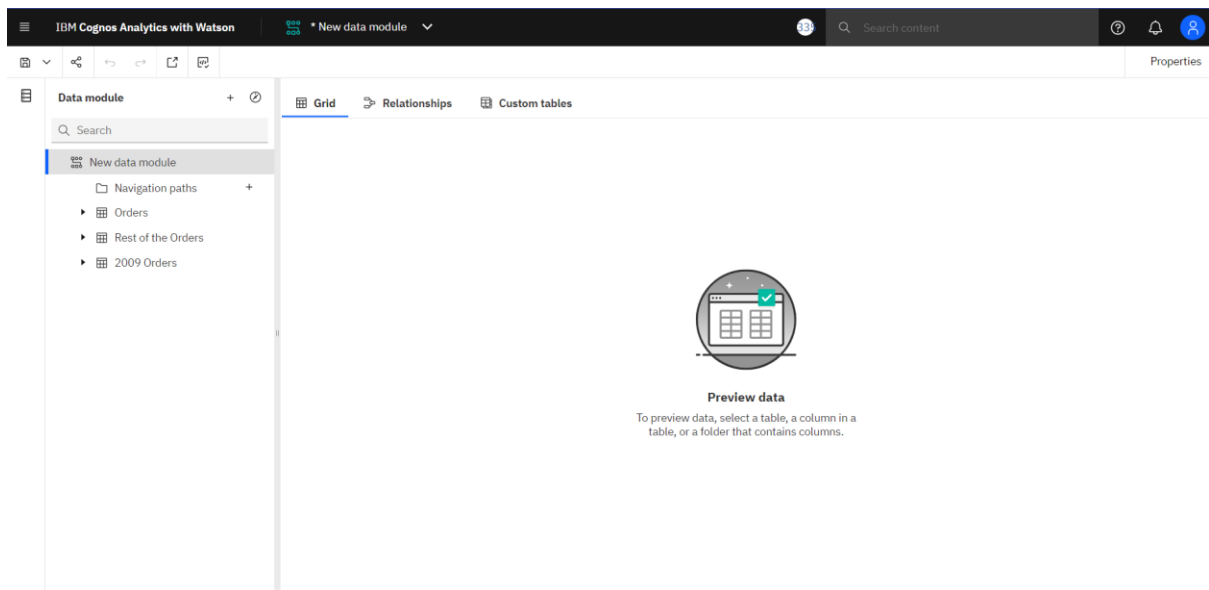


Fig: preparing data for orders, rest of the orders and 2009 orders.

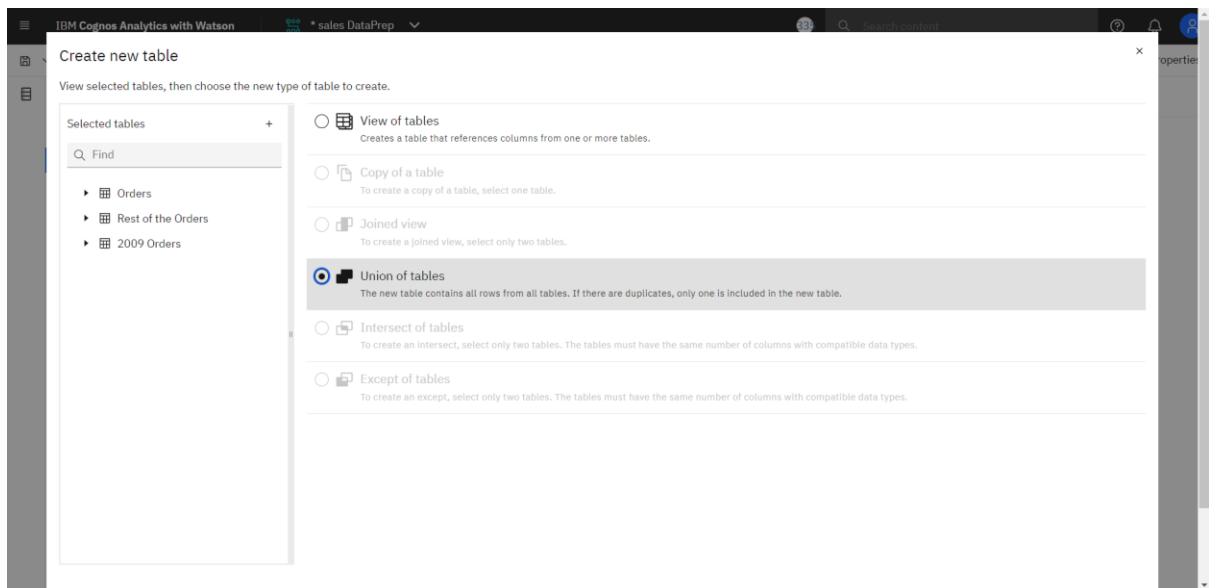


Fig: performing union operation for these particular tables.

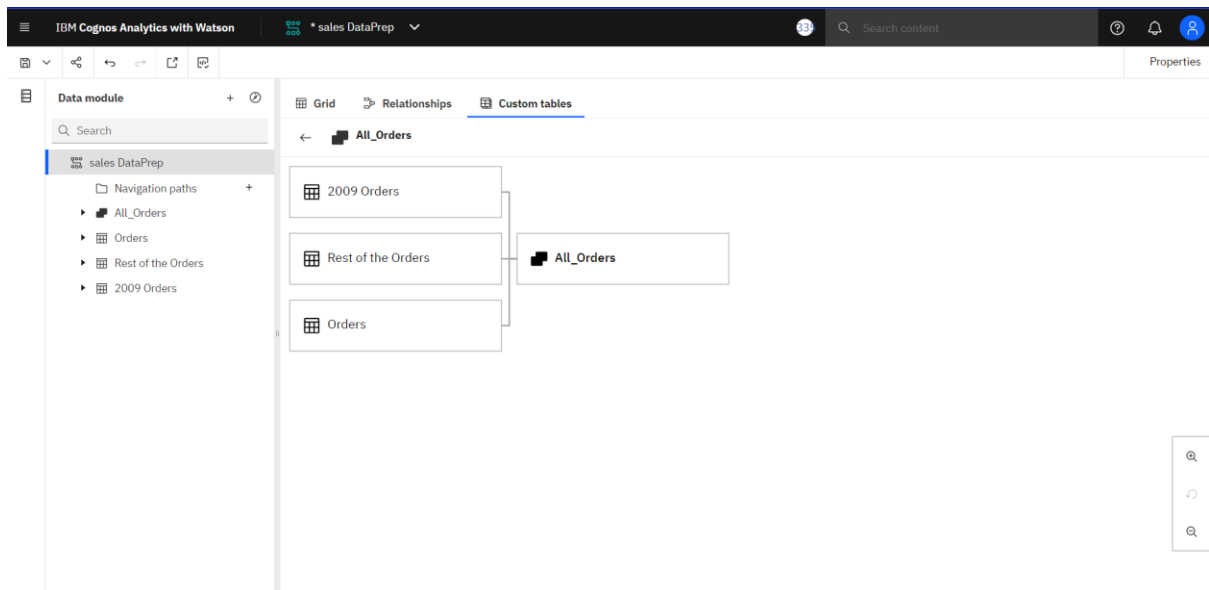


Fig: created a union of all tables.

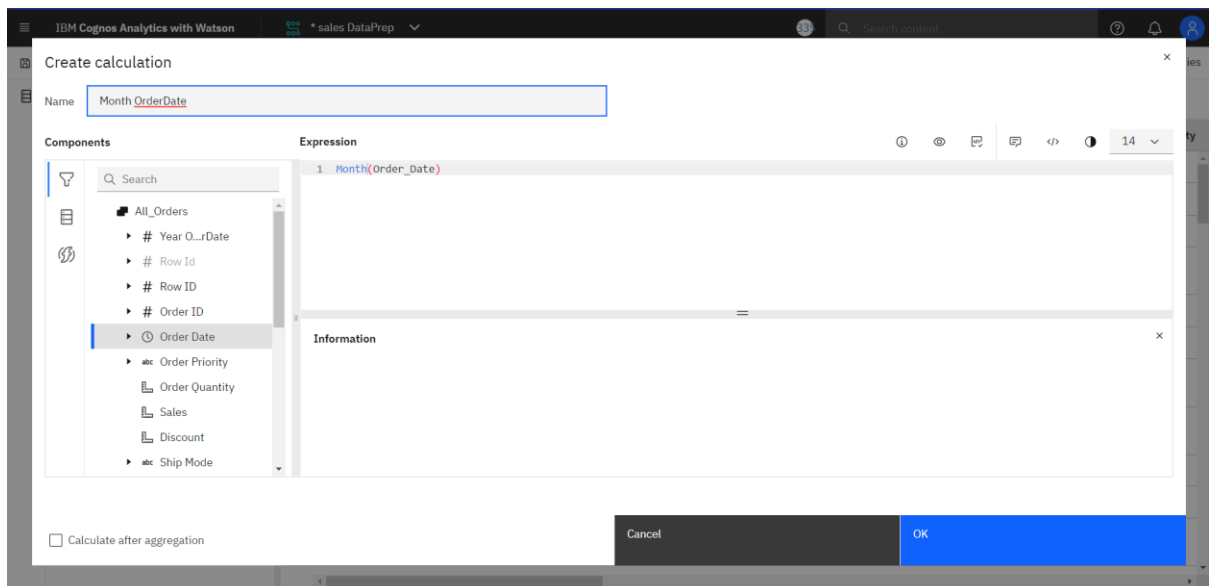


Fig: perform calculations for year, month and day of order date.

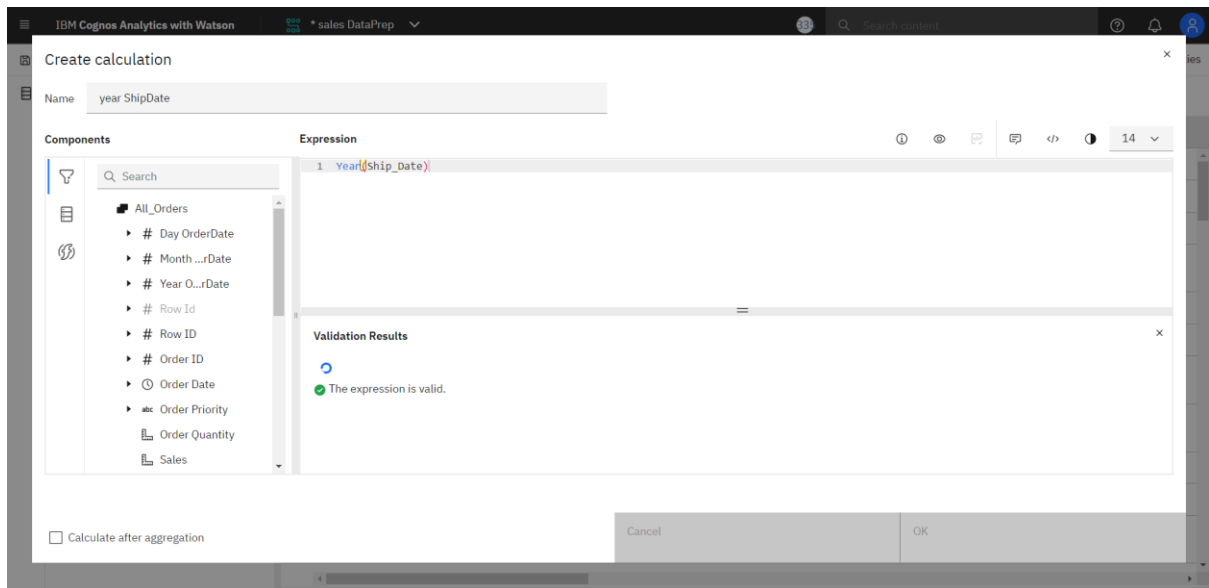


Fig: perform calculation for year, month and day of ship date.

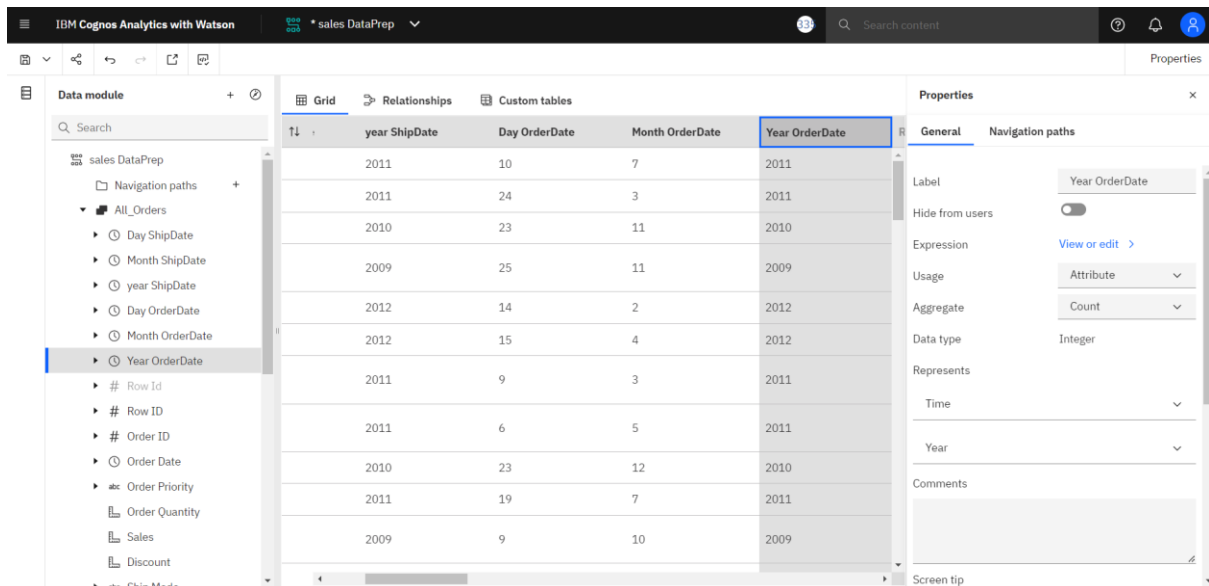


Fig: changing properties of calculated date to date.

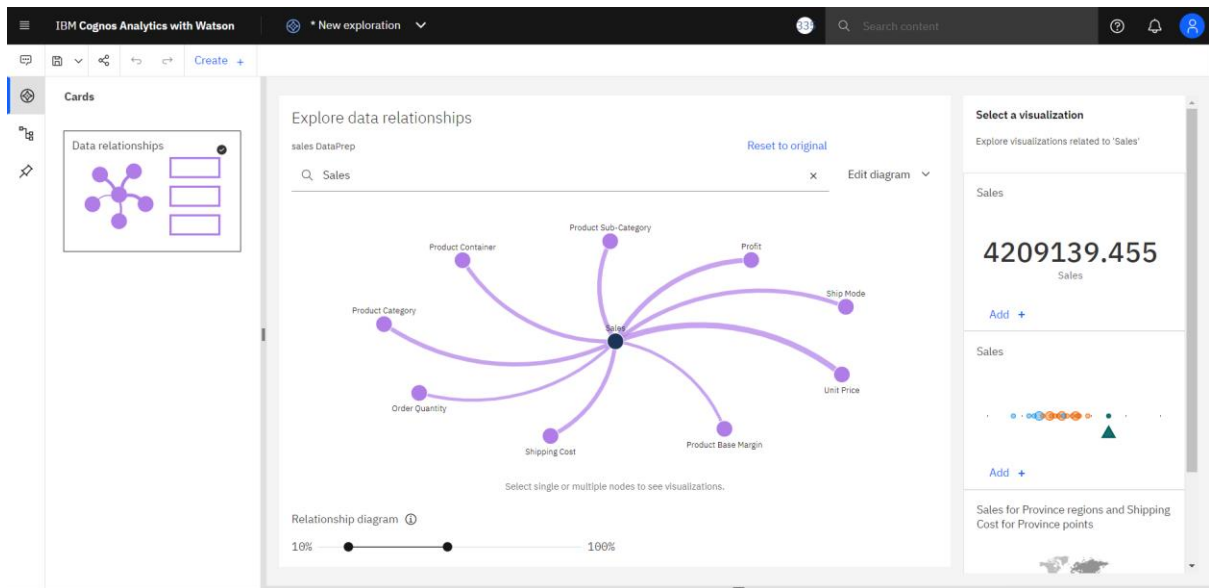


Fig: exploring data relationship with sales vs other attributes of the table.

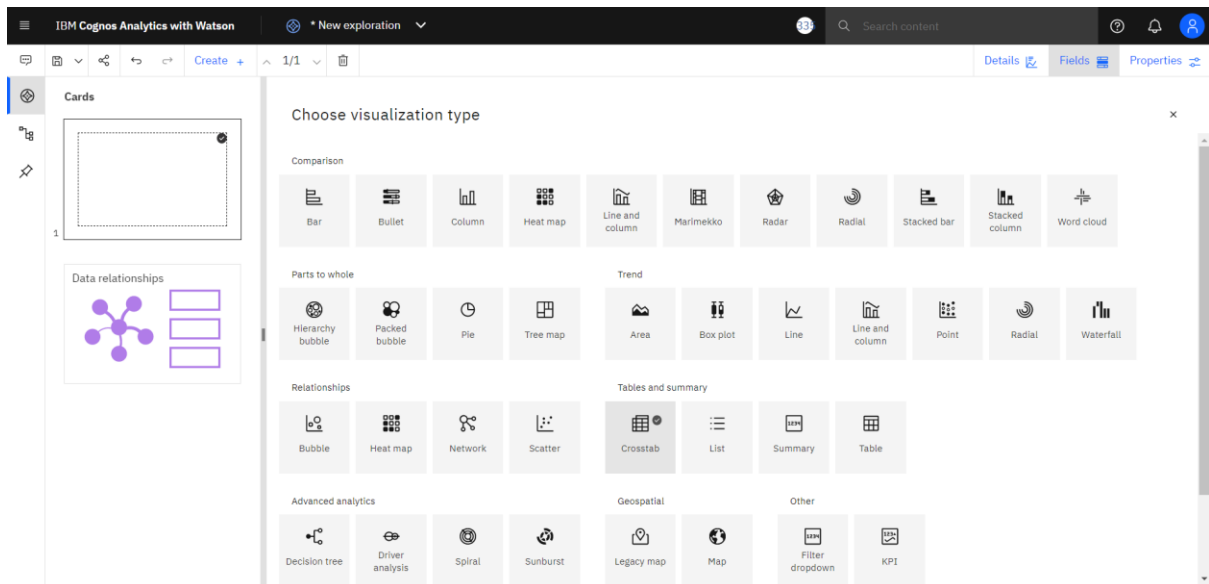


Fig: Create a card and choose a type for visualizing our data

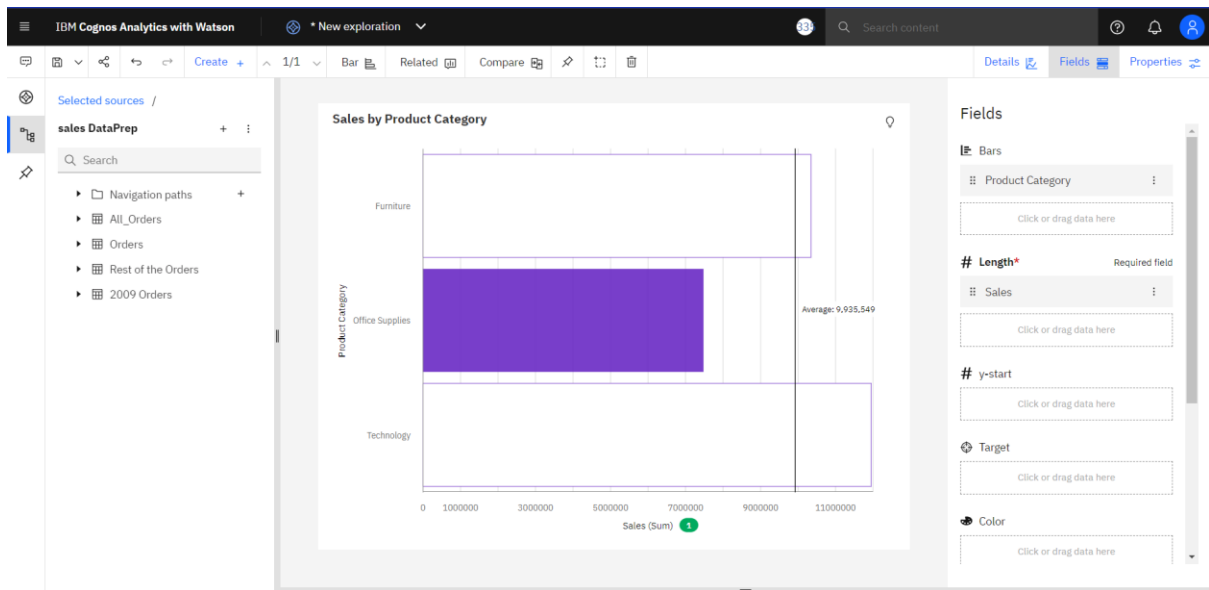


Fig: Bar chart visualization of product category and sales with insights on.

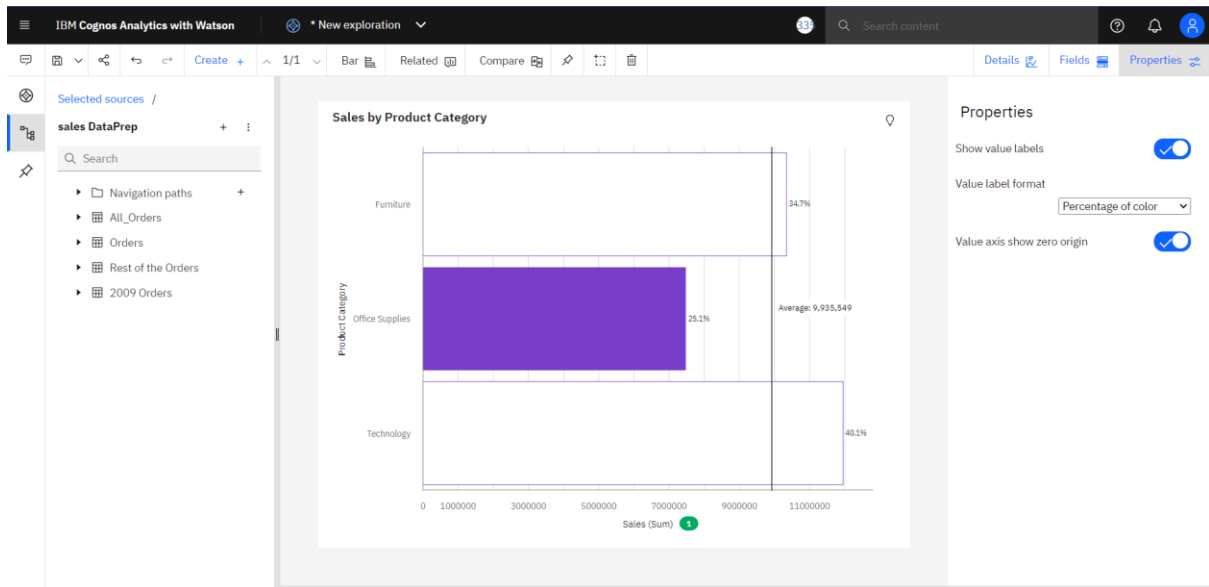


Fig: value based on percentage of color.

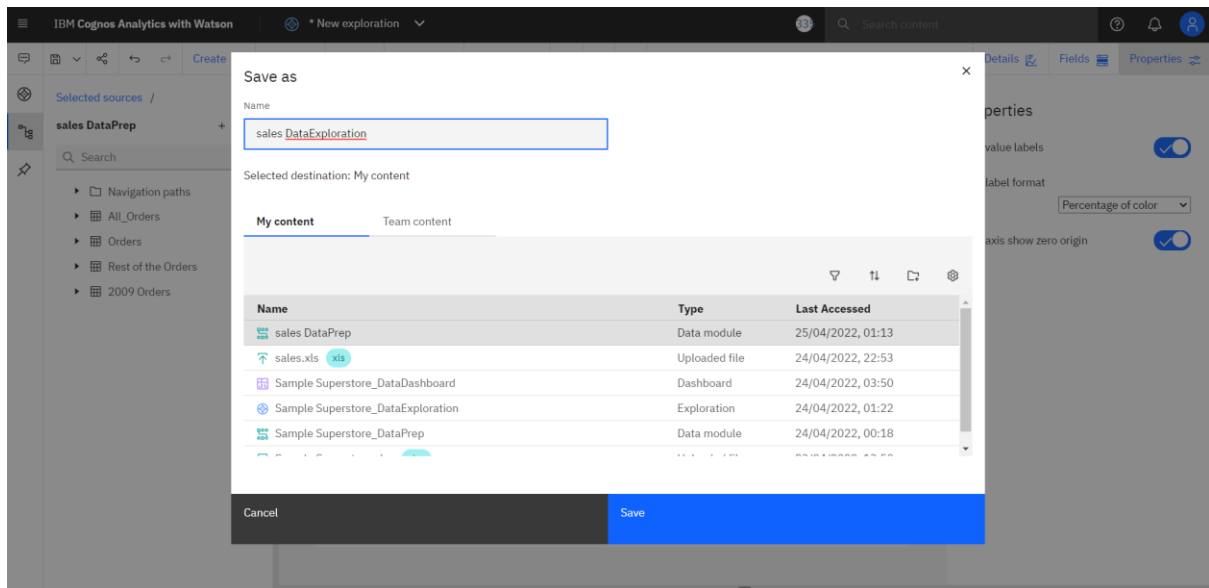


Fig: Saving the exploration

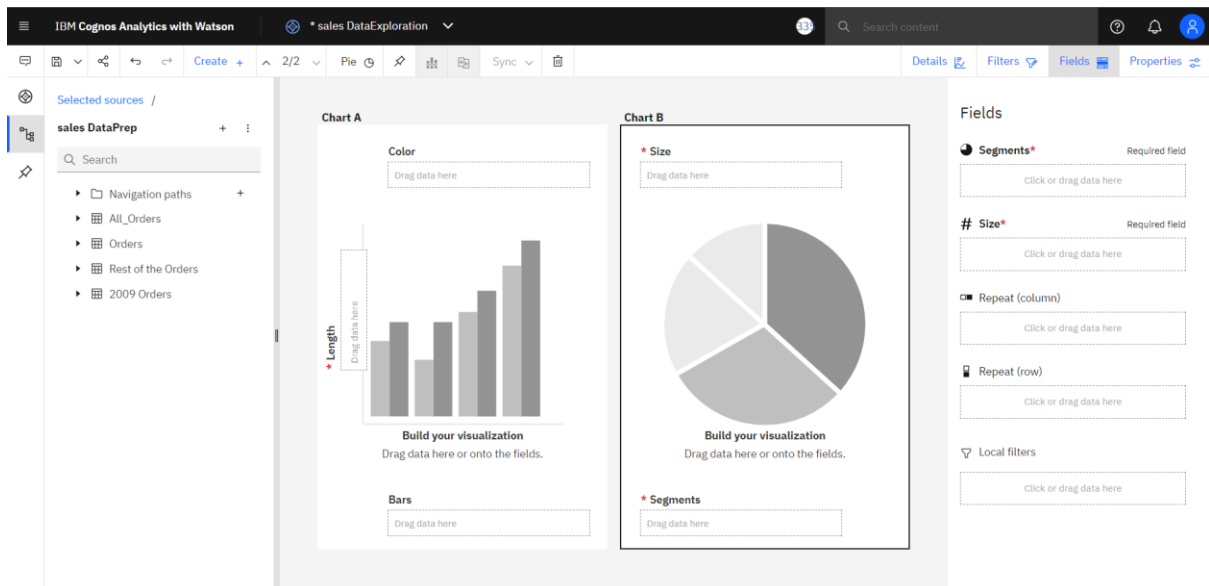


Fig: creating a comparison exploration.

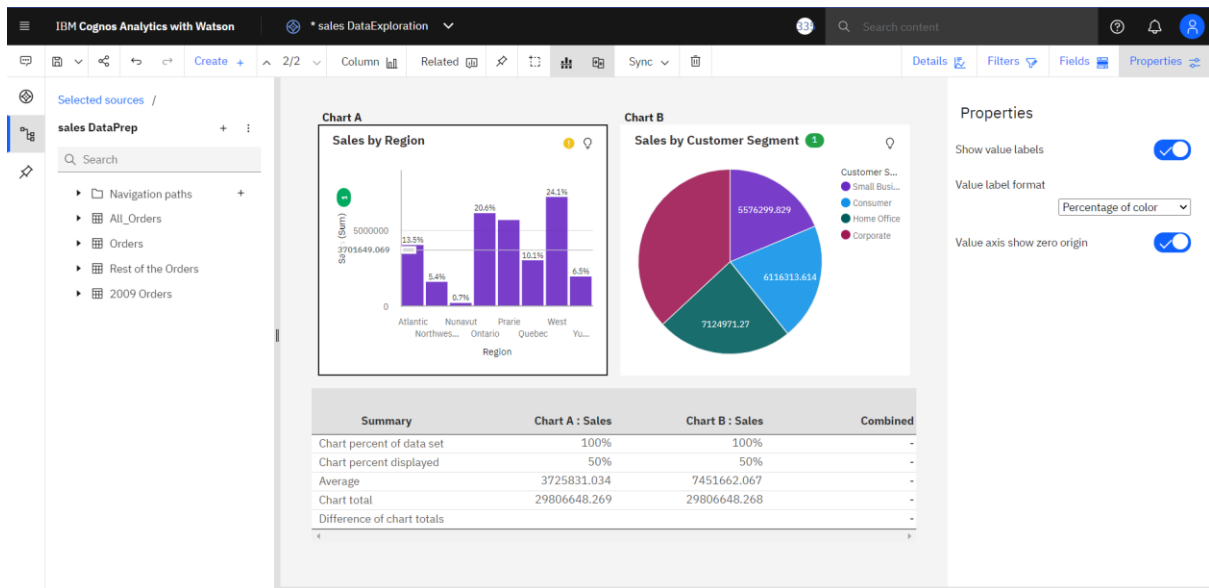


Fig: create column chart and pie chart for comparison of sales

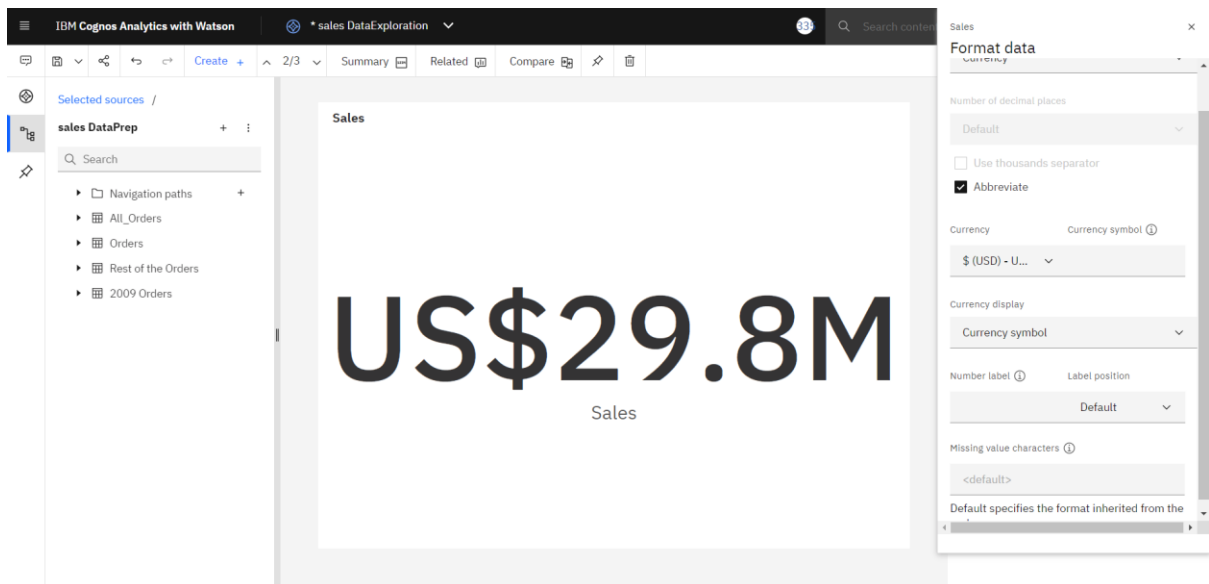


Fig: create summary card and format for sales data.

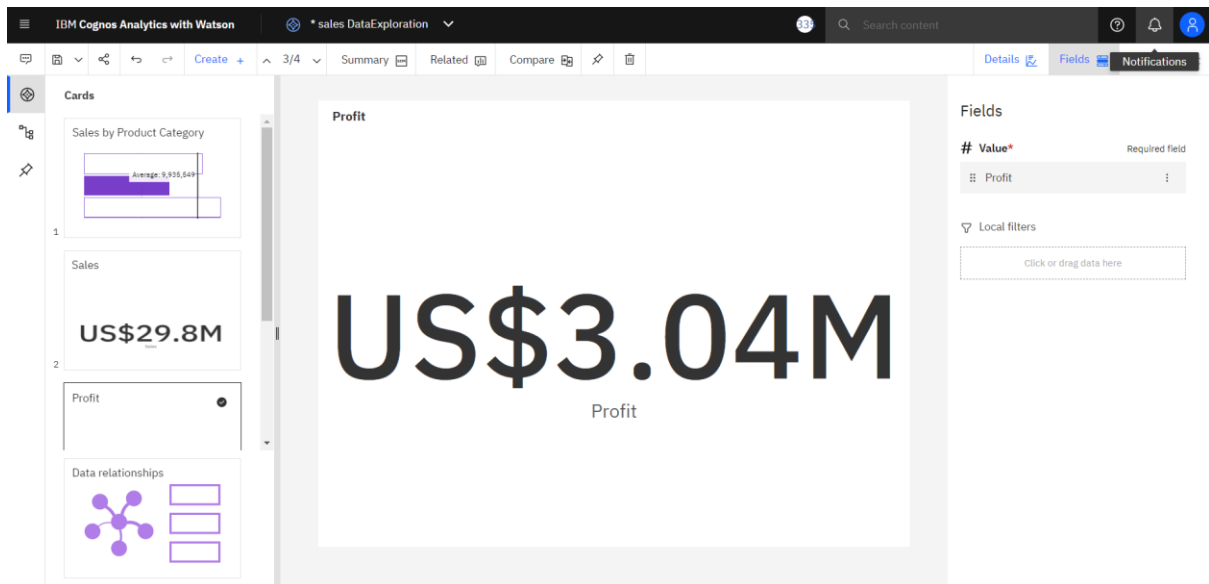


Fig: create summary card and format for profit data.

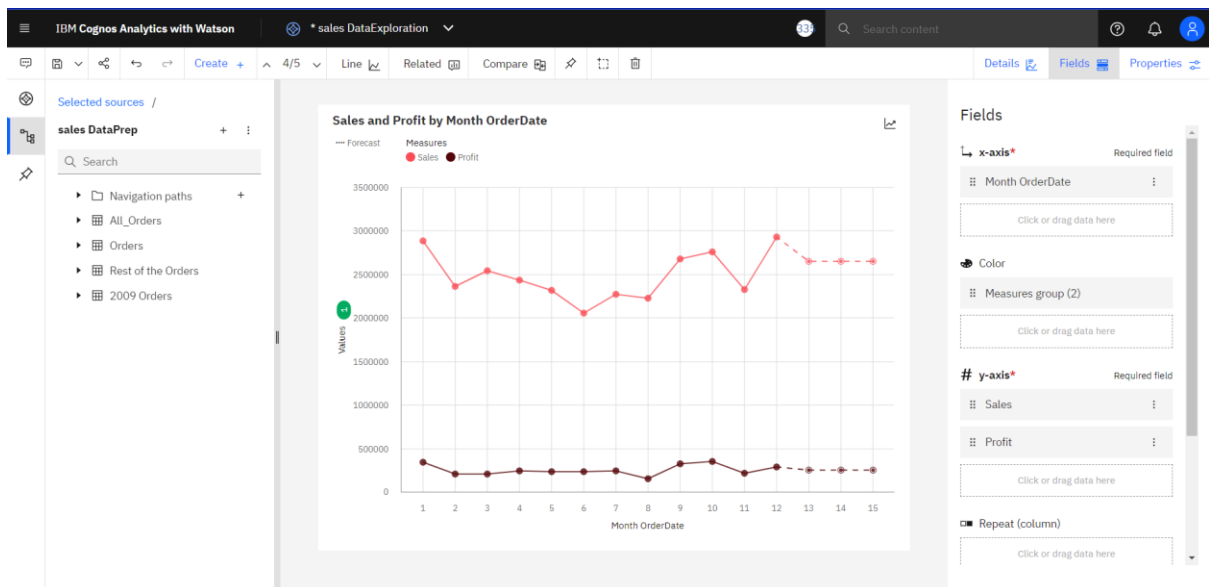


Fig: create line chart for order date and sales and profit and forecast the data.

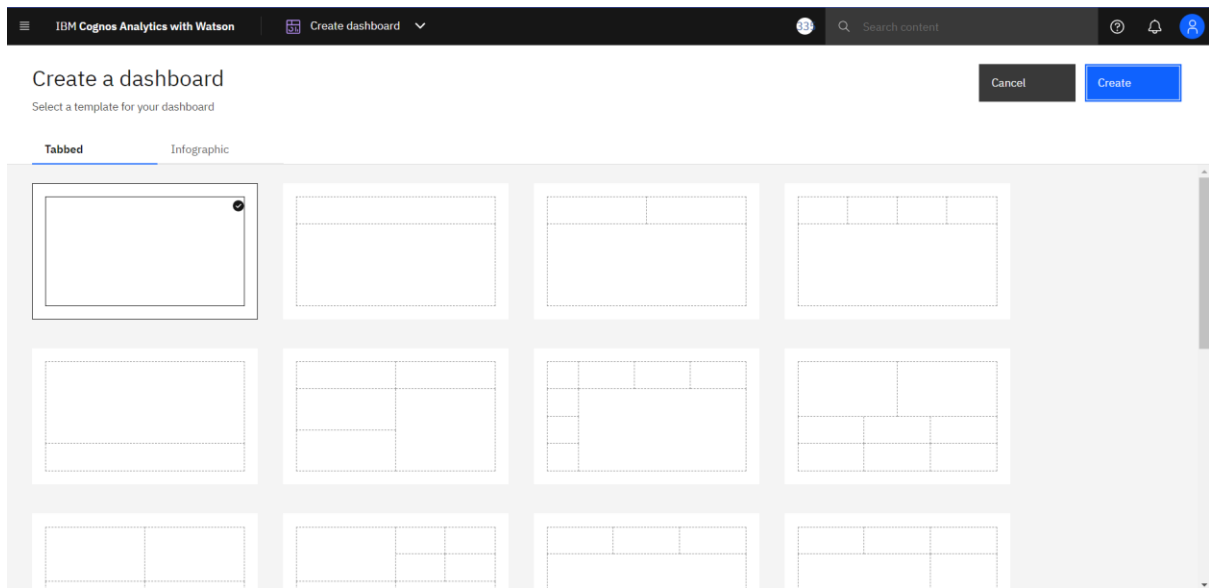


Fig: Creating dashboard

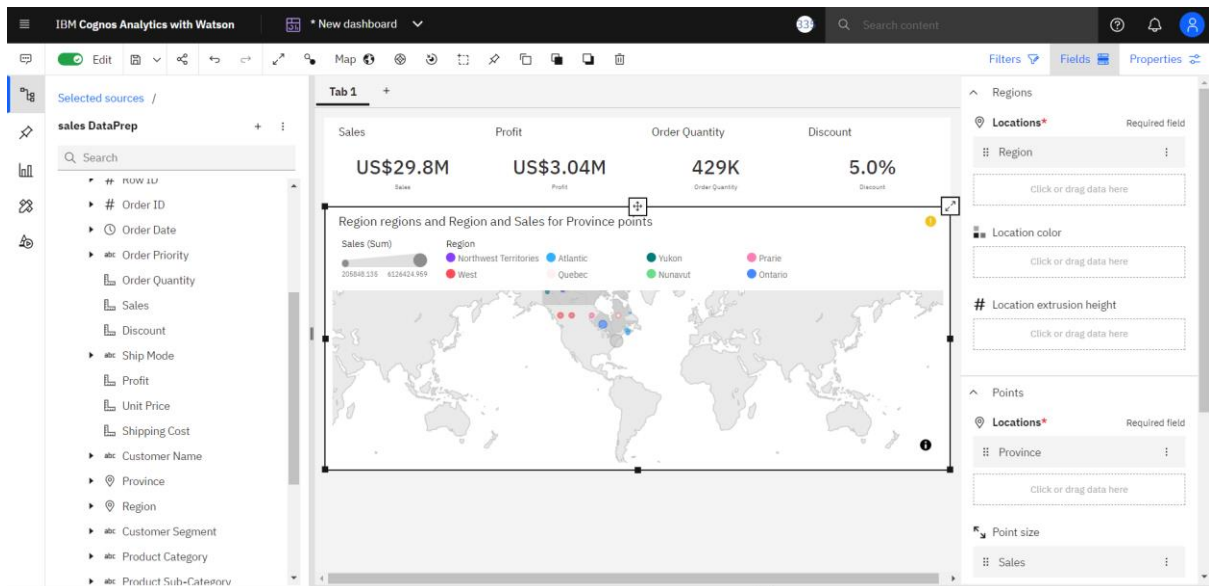


Fig: creating a dashboard and visualizing based on template used.

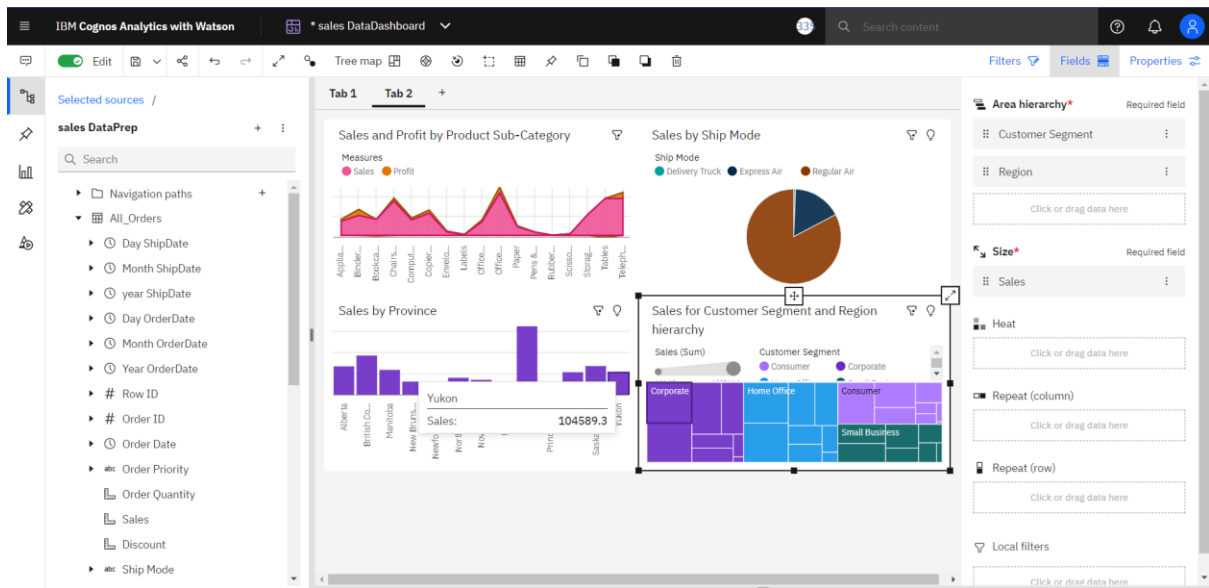


Fig: Create other visualizations in the dashboards

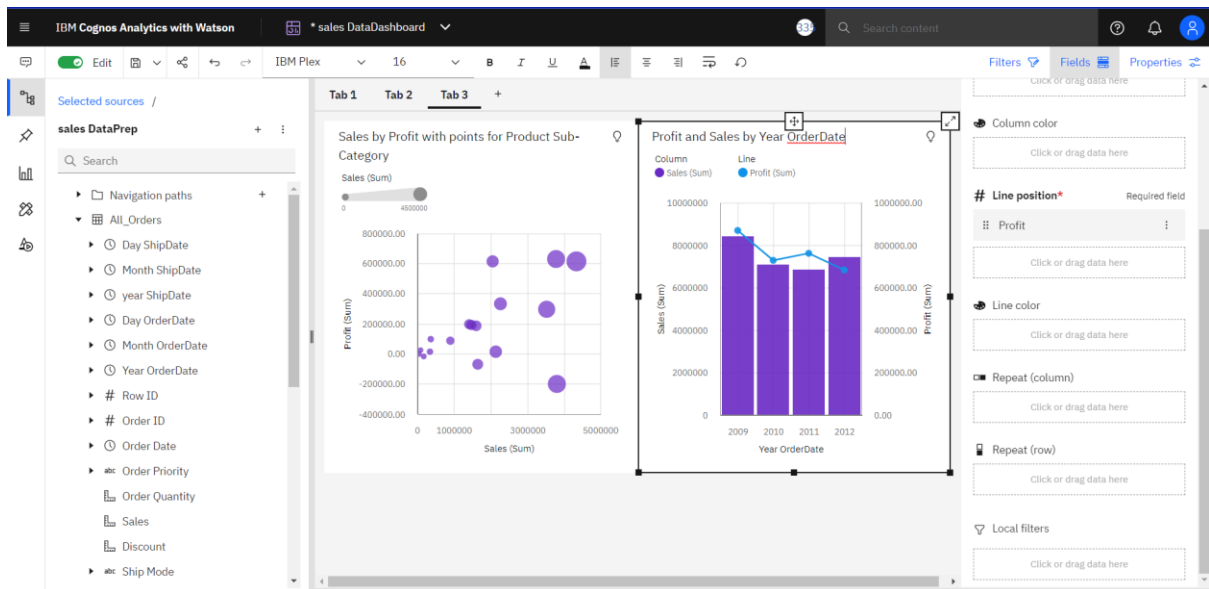


Fig: create other tabs with different visualizations with different template and save