

Name: Sunny Kumar
Reg.no:19BCE2637
University: VIT University, Vellore

Assignment-1

Data Analytics

Data set: Sales

Link:

https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fsales_Data%2BDashboard&action=view&mode=dashboard&subView=model000001805a0ba143_00000000

First up all upload data

My IBM Home

us1.ca.analytics.ibm.com/bi/?perspective=home

IBM Cognos Analytics with Watson

Search content

Hello. Welcome to Cognos Analytics with Watson.

You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.

Watch video Take a product tour

Quick launch

Upload data
Upload or drag and drop spreadsheets, csv files, and other data sources.

Prepare data
Use data modules to clean and connect data from multiple resources.

Exploration
Quickly find unbiased answers by identifying trends in your data with data exploration.

Present data
Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

Get started Recent

IBM Cognos Analytics with Watson

sales.xls was uploaded successfully. [Hide Details](#)


Get started Recent

Get up and running in IBM Cognos Analytics

How-to videos

Learn how to use IBM Cognos Analytics and start gaining insights into your data.

[Watch videos](#)



Accelerator Catalog

Browse a growing catalog of industry use, best practice guides, custom visualizations, and more.

[Browse catalog](#)

Learning resources

Expand your knowledge and get assistance by connecting with the community, reading documentation, and watching videos.

[Launch the learn pane](#)

Samples

Experiment with examples that show off all that Cognos Analytics has to offer.

By feature

Browse samples by feature, such as core functionality, custom controls, extensions, notebooks, and relative dates.

By industry

Browse samples by industry, such as automotive, banking and more.

[View all samples](#)

Prepare data:

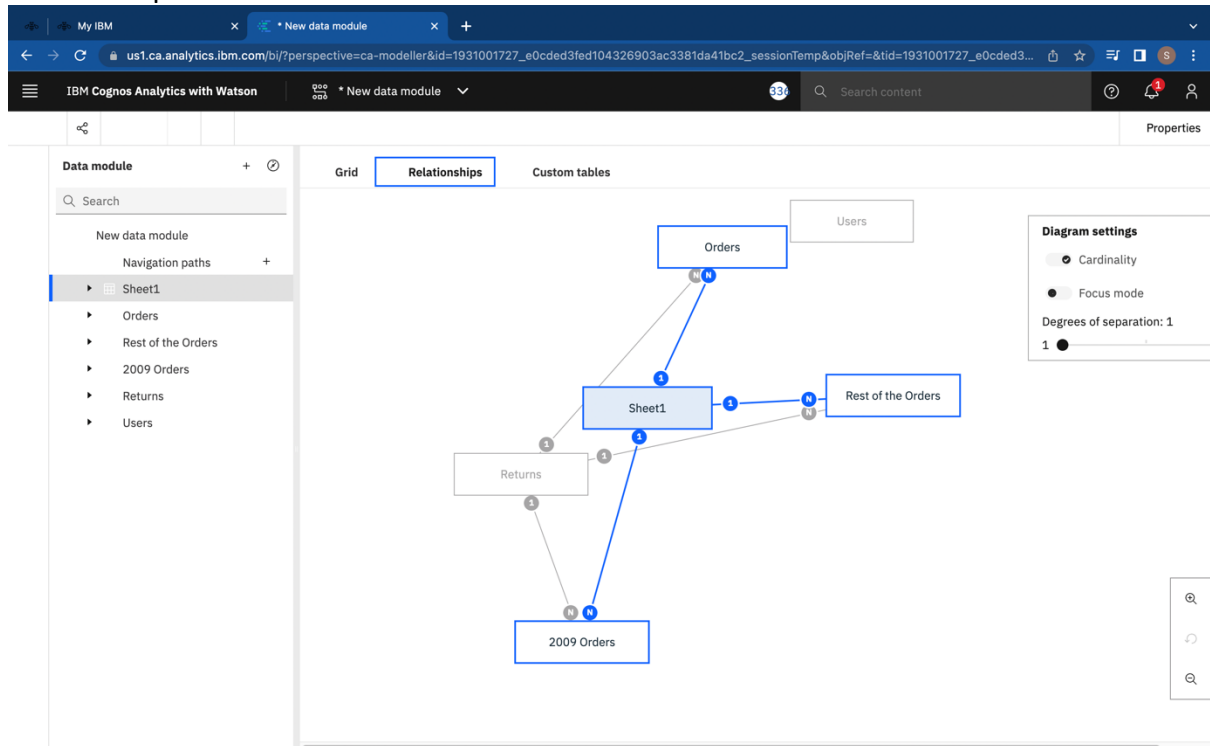
IBM Cognos Analytics with Watson

* New data module

Grid Relationships Custom tables

Row Id	Sum of Sales	Product Sub-Category	Text	Text-1	Text-2	Text-3
1	Region	Appliances	Binders and Binder Accessories	Bookcases	Chairs & Chairmats	Cor
2	Atlantic	145403.13999999996	120696.97000000002	139521.12999999998	197849.6	96'
3	Northwest Territories	33019.079999999994	84586.64	70225.28000000001	114402.87000000002	20'
4	Nunavut	12565.77	1769.0400000000002	5006.6399999999999	31027.530000000002	54'
5	Ontario	202346.84000000003	286967.88000000006	103999.47000000002	438172.12999999983	19'
6	Prarie	111998.9	170965.15999999995	147542.5	305261.40000000001	17'
7	Quebec	41845.57	107005.75999999997	69113.46	208057.15999999992	90'
8	West	151288.91999999998	218633.17999999996	212339.11999999994	410193.34	17'
9	Yukon	38523.320000000014	32332.960000000006	74904.44	56872.51999999999	41'
10	Grand Total	736991.54	1022957.59	822652.03999999998	1761836.55	79'

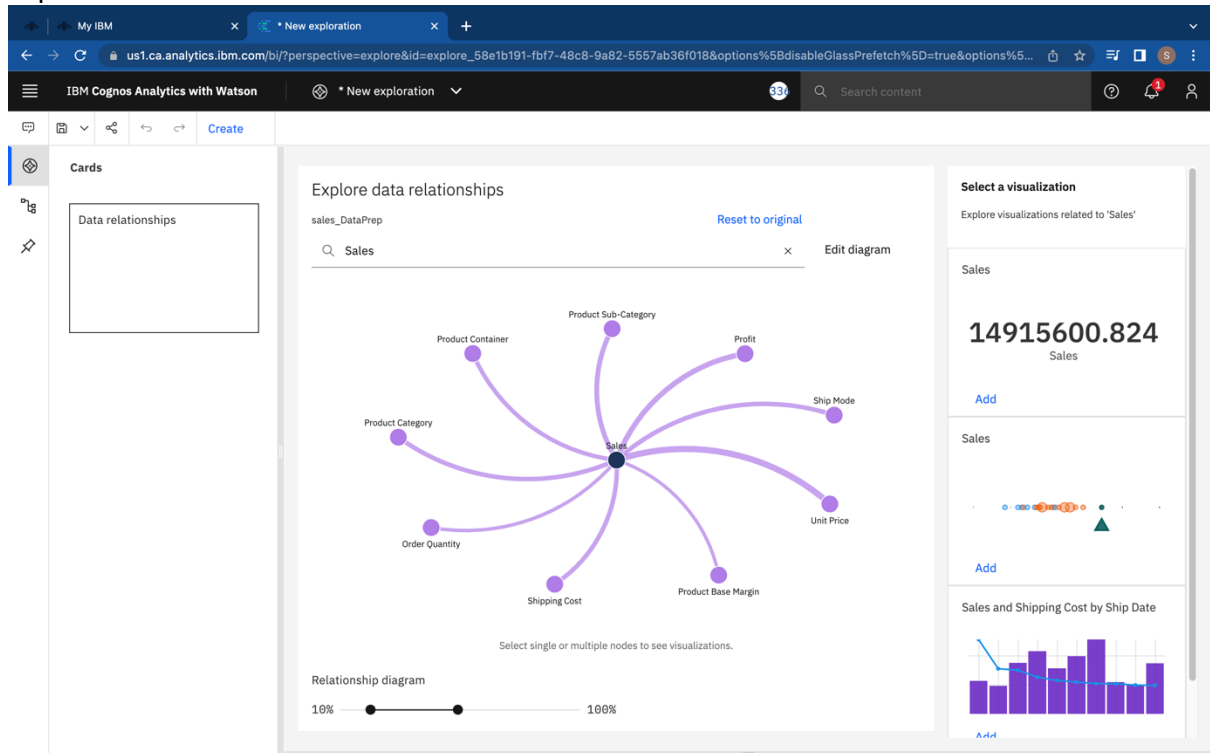
Relationship:



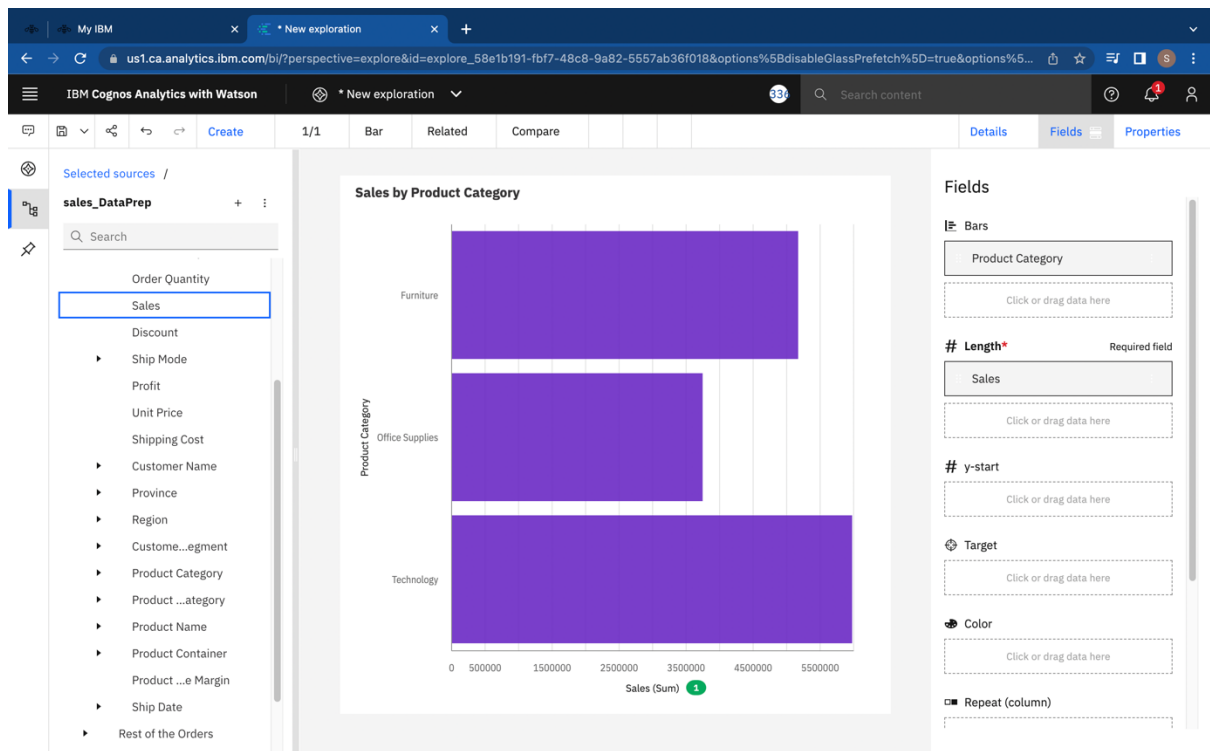
Create calculation:

The screenshot shows the 'Create calculation' dialog in IBM Cognos Analytics. The 'Name' field is 'Day_OrderDate'. The 'Expression' field contains 'Day(Order_Date)'. The 'Components' list shows 'Order Date' selected. The 'Validation Results' section states 'The expression is valid.' The dialog has 'Cancel' and 'OK' buttons at the bottom right. The 'Calculate after aggregation' checkbox is unchecked.

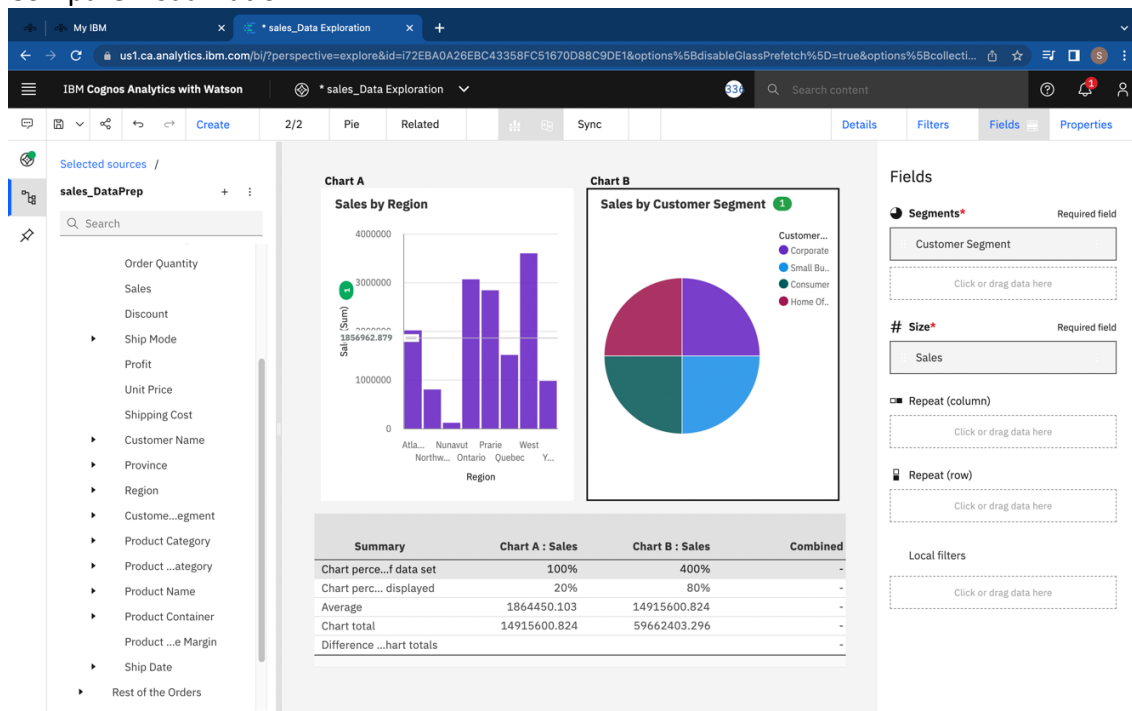
Exploration:

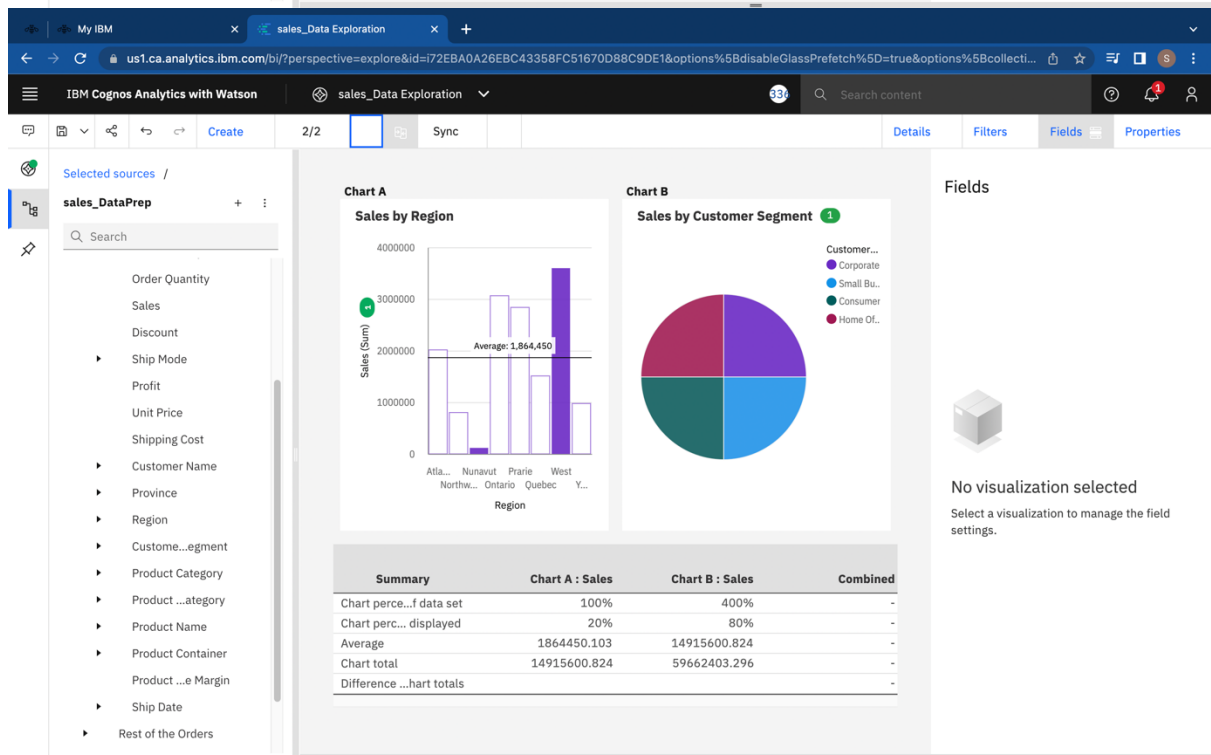
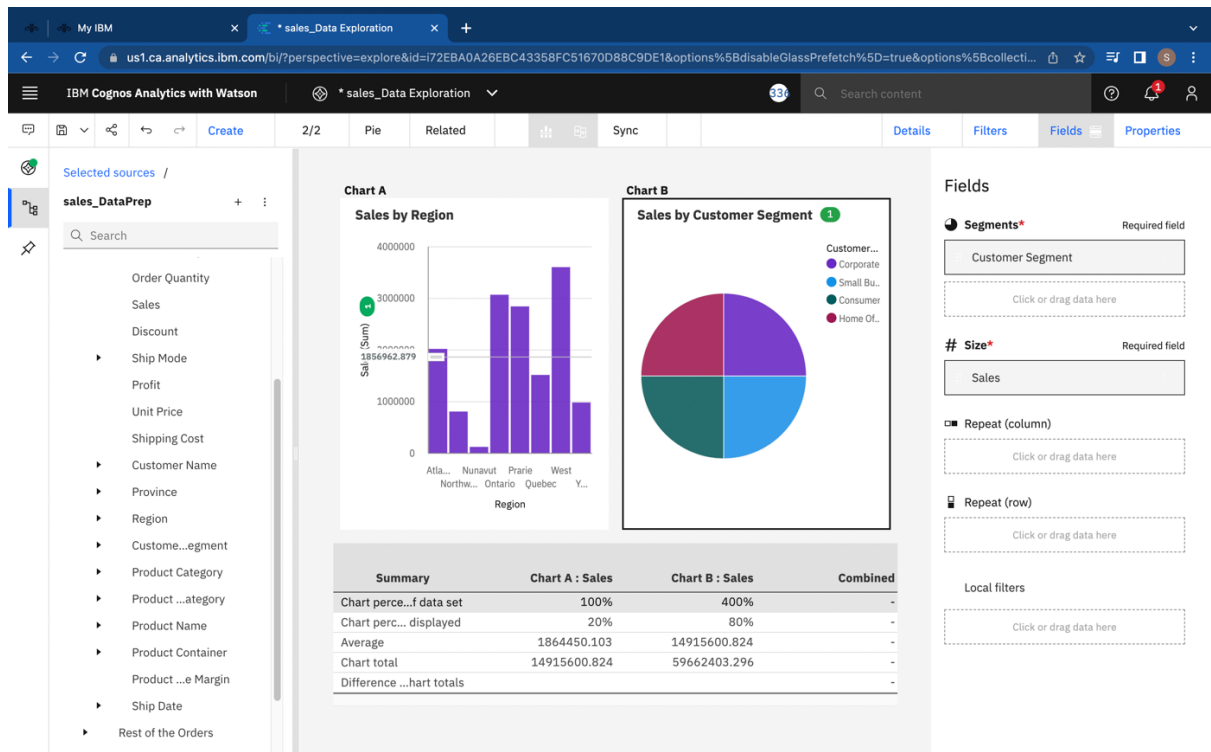


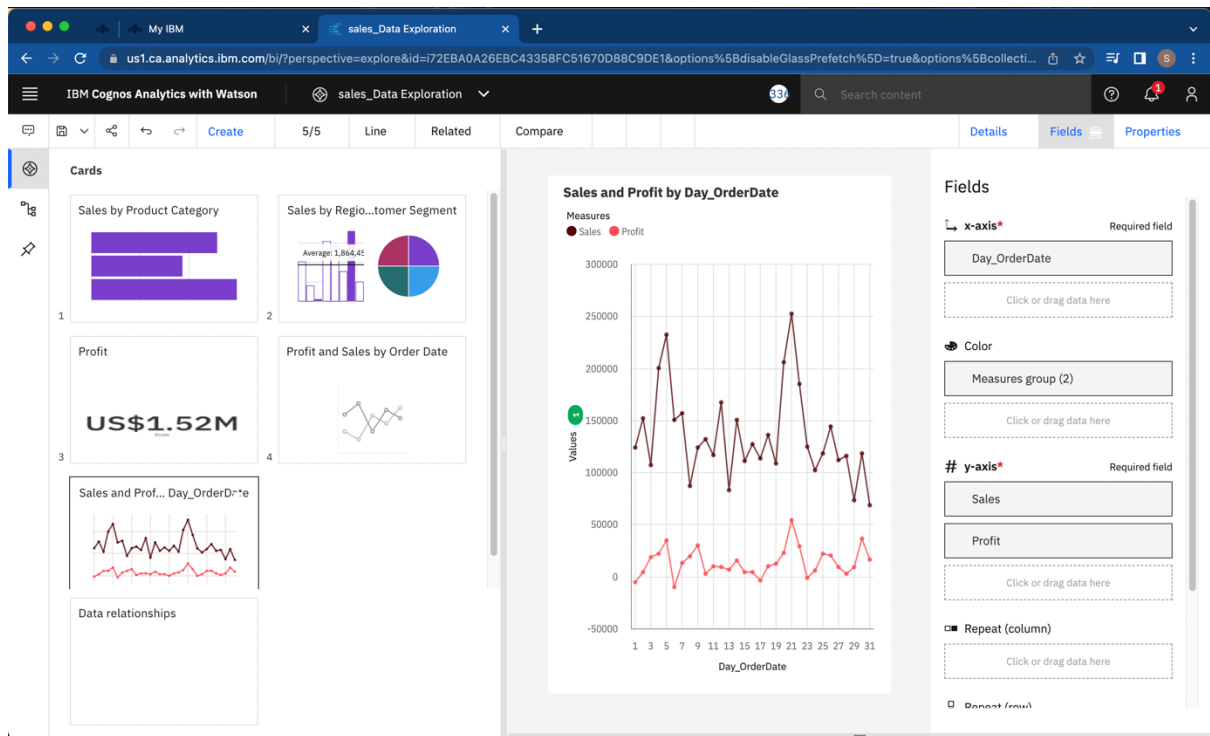
Bar chart:



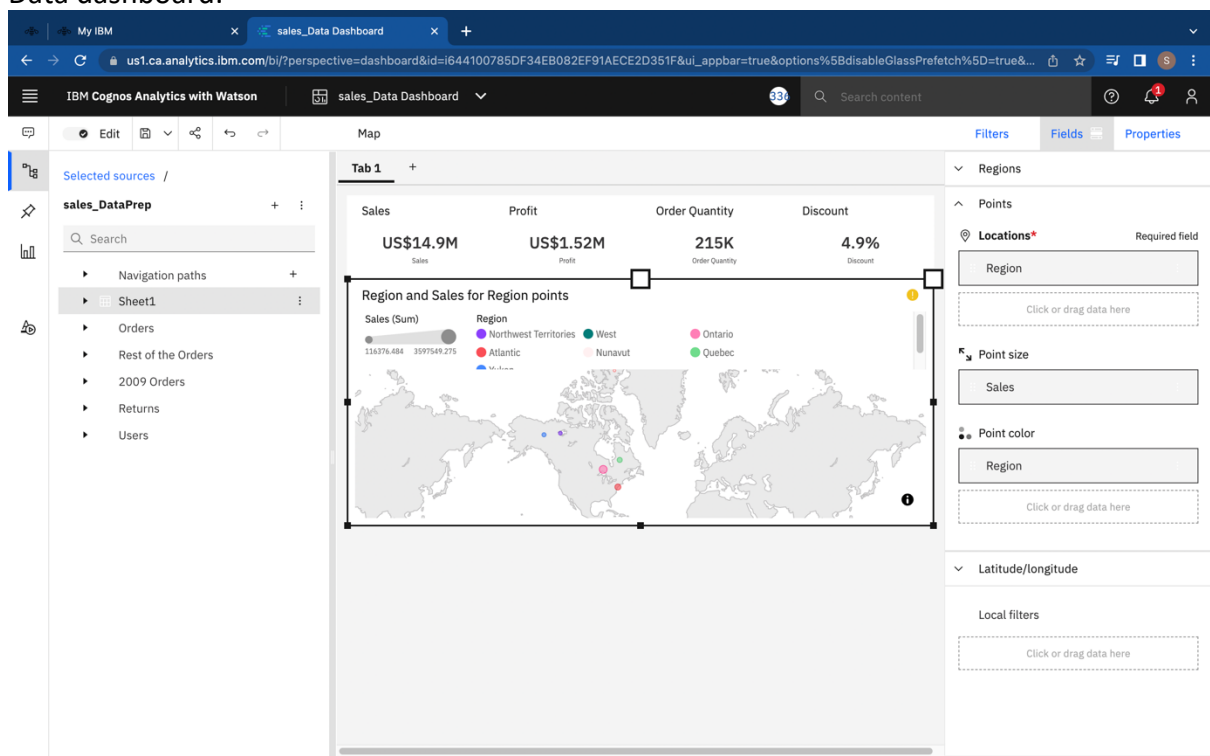
Compare visualization:







Present data
Data dashboard:



Tab 2

