

Project Development Phase Sprint – 2

Team ID	PNT2022TMID22629
Project Name	Project - Retail Store Stock Inventory Analytics

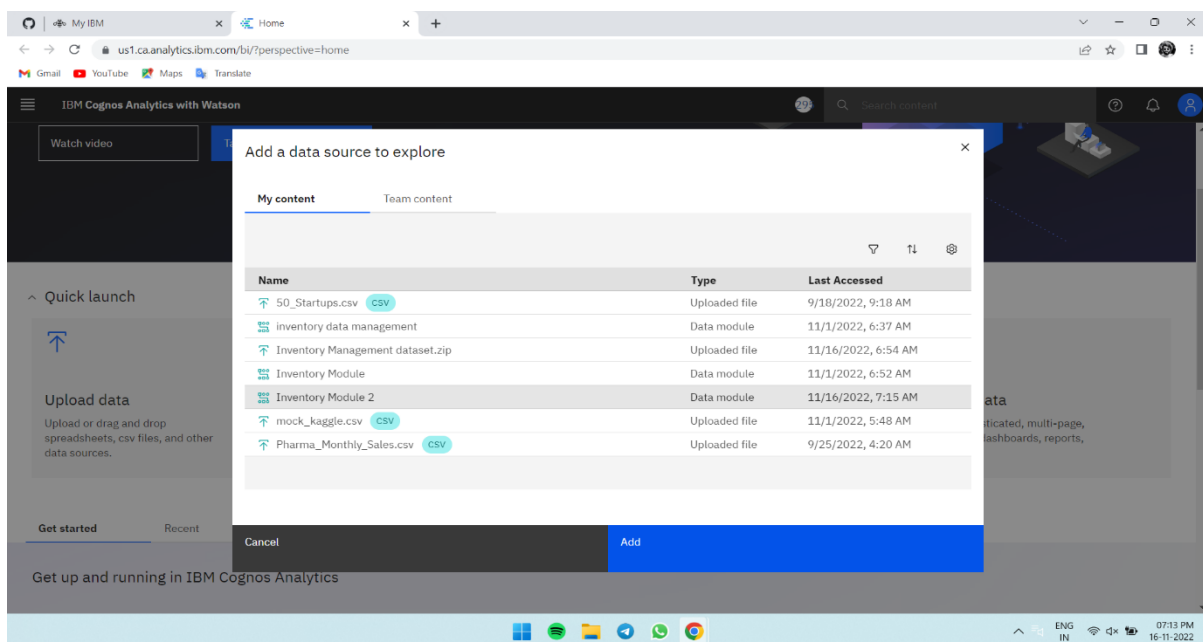
DATA EXPLORATION

- Load the Dataset
- Sales by Year
- Price by Year
- Stock by Year
- Stock and Price for Year Colored by Price
- Sales by M_Data colored by M_Data
- Stock by M_Data colored by M_Data
- M_Data hierarchy colored by M_Data and sized by Price
- Revenue by Year colored by Year
- Stock and Sales by Year
- Revenue by M_Data colored by M_Data
- Price by M_Data
- Year colored by Year sized by sales
- Stock summary
- sales by Year colored by Year and sized by Year
- Revenue
- Prepared Visualization link

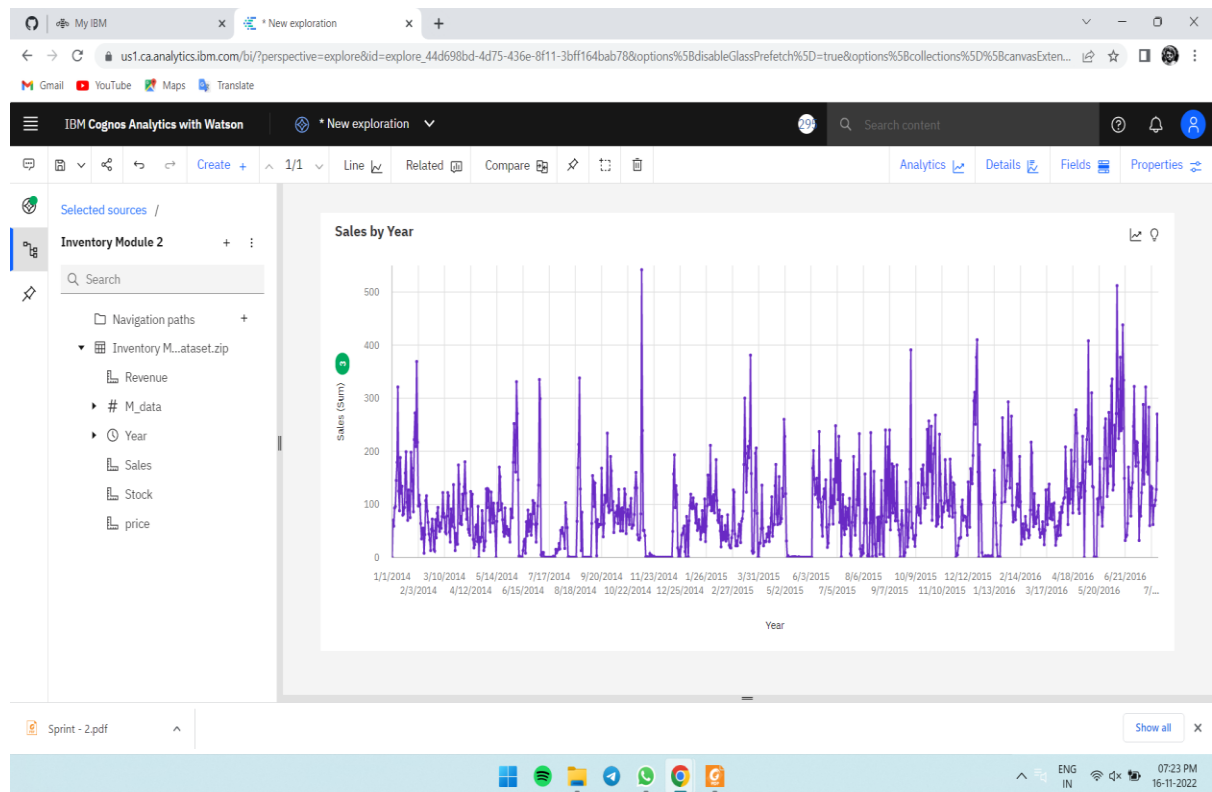
Dataset Link:

<https://drive.google.com/file/d/1awFIKJ9LiIdnNHwGLcsqNDbbwshFHR-w/view>

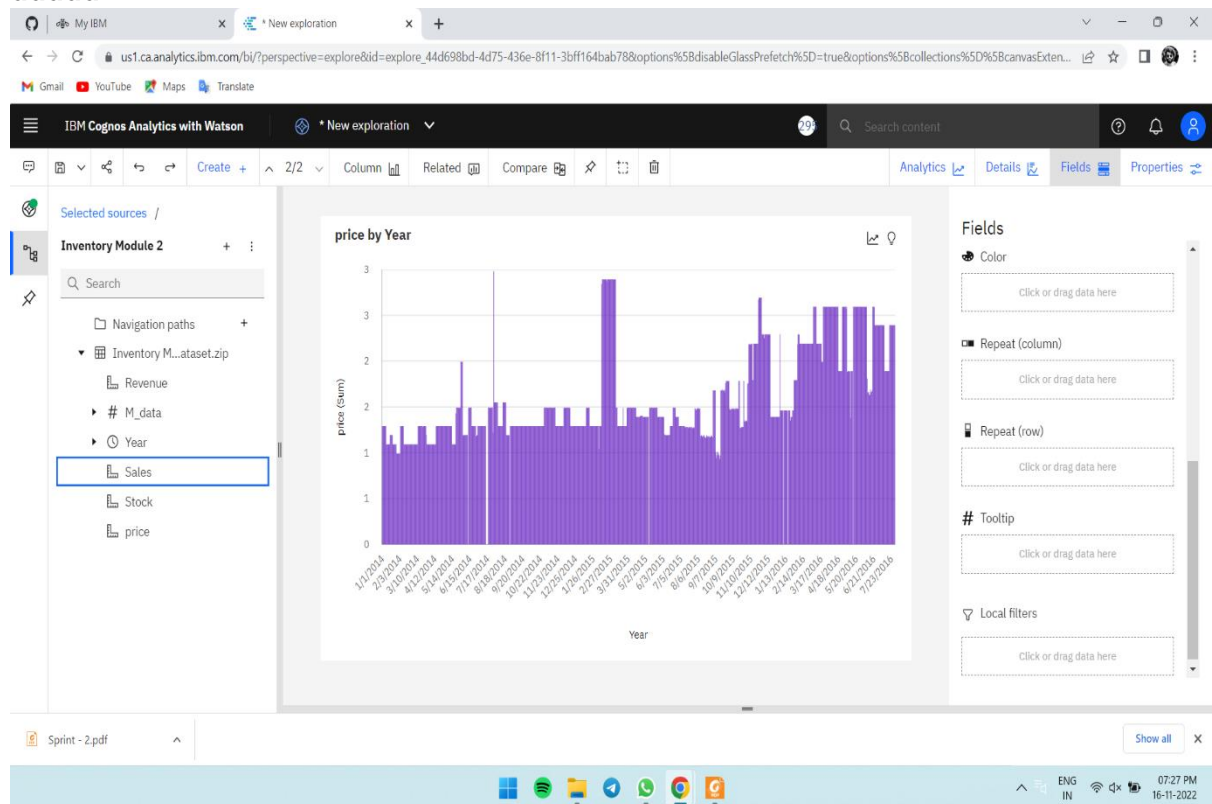
Load the Dataset:

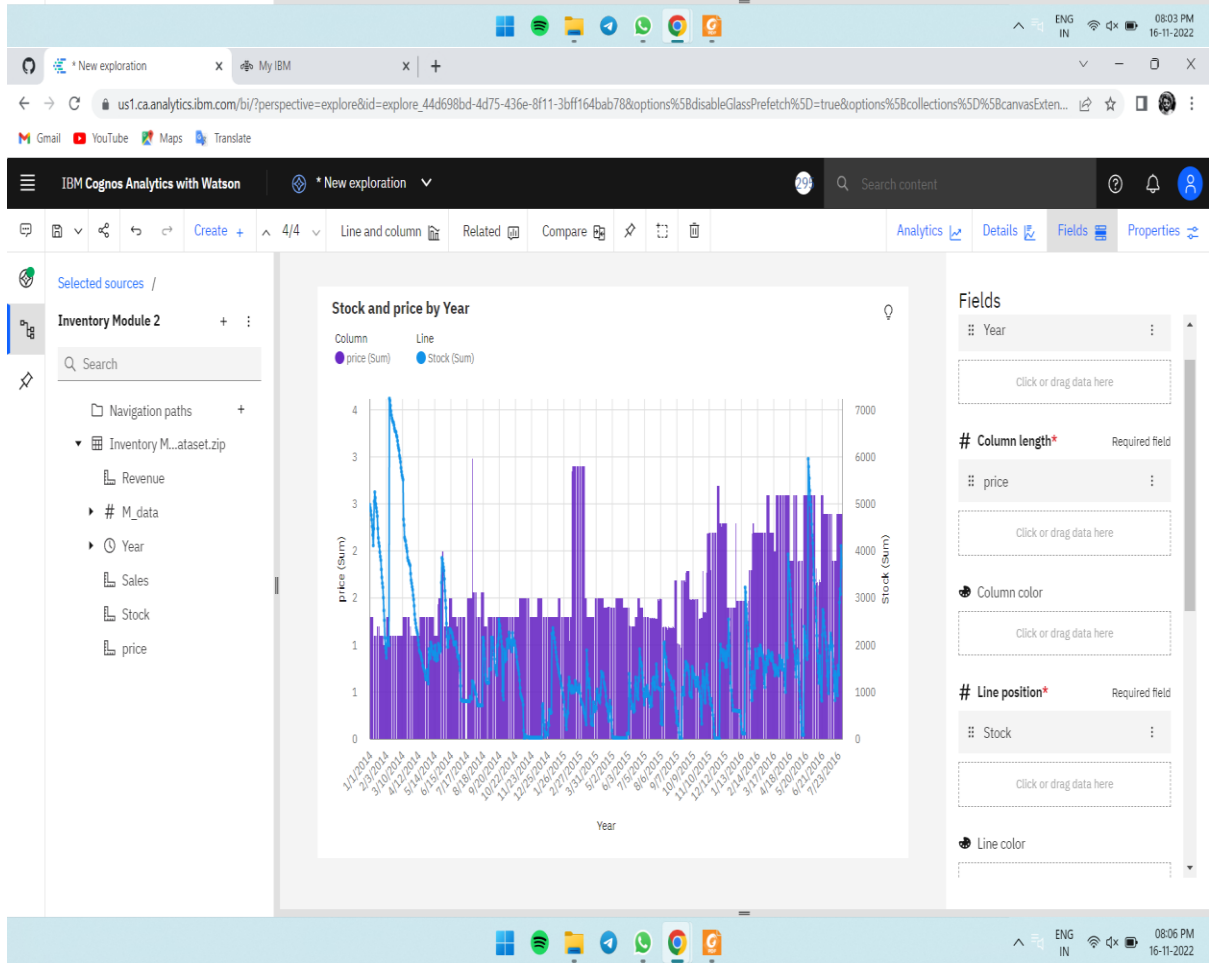
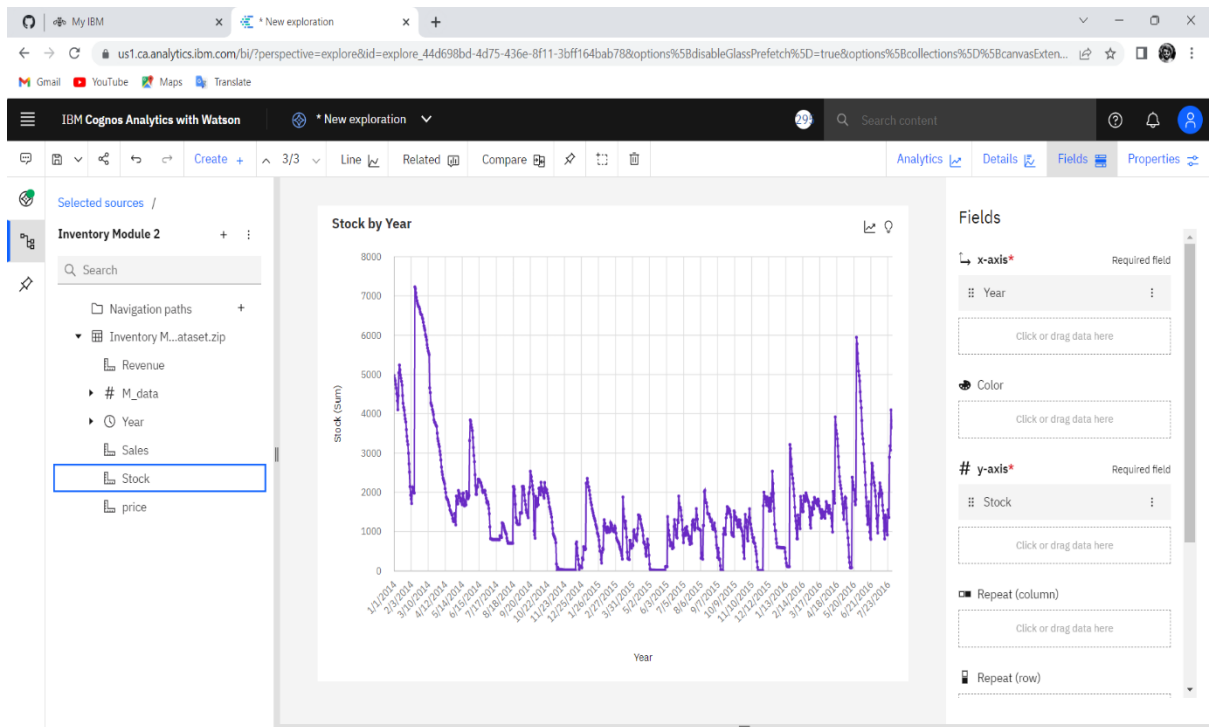


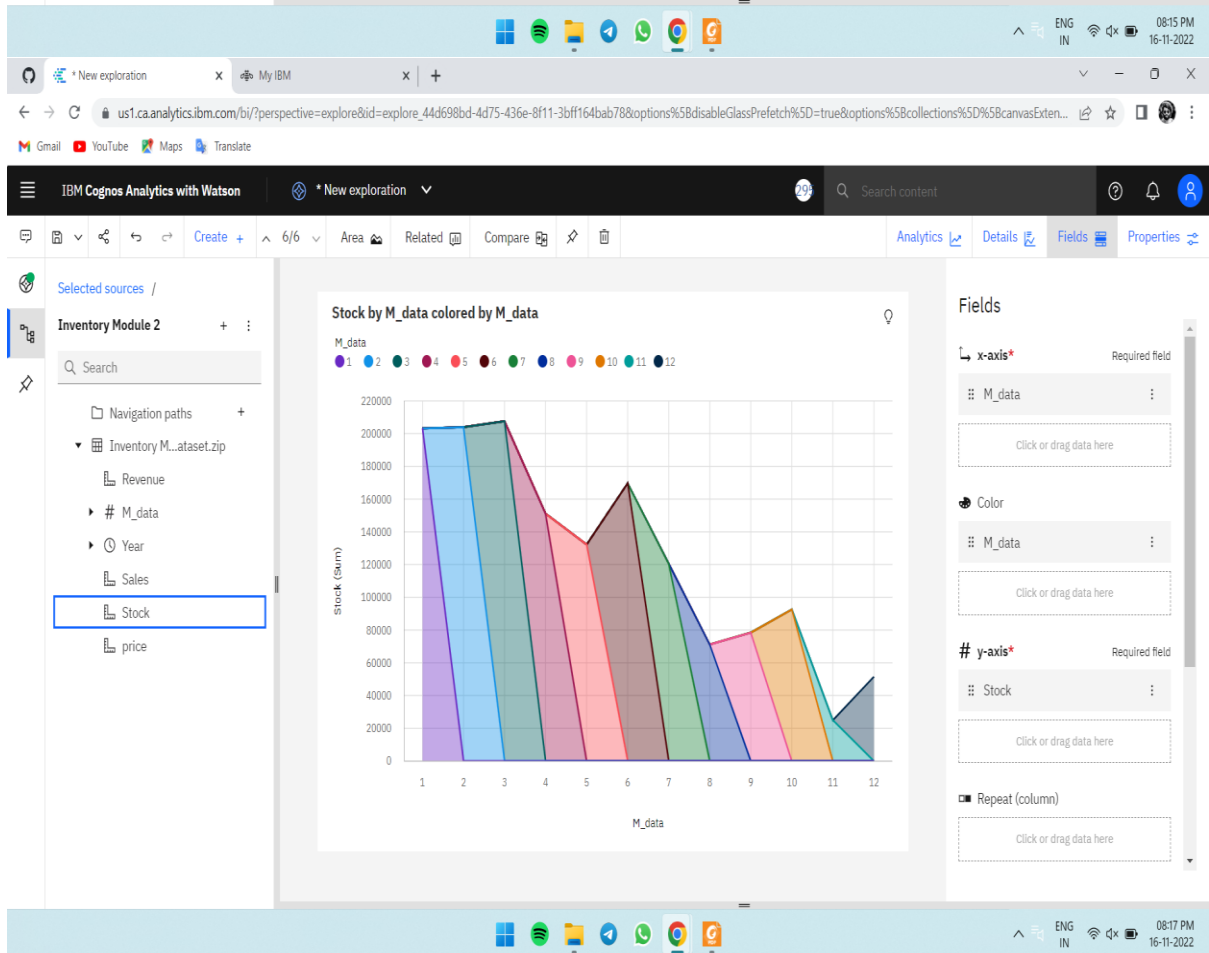
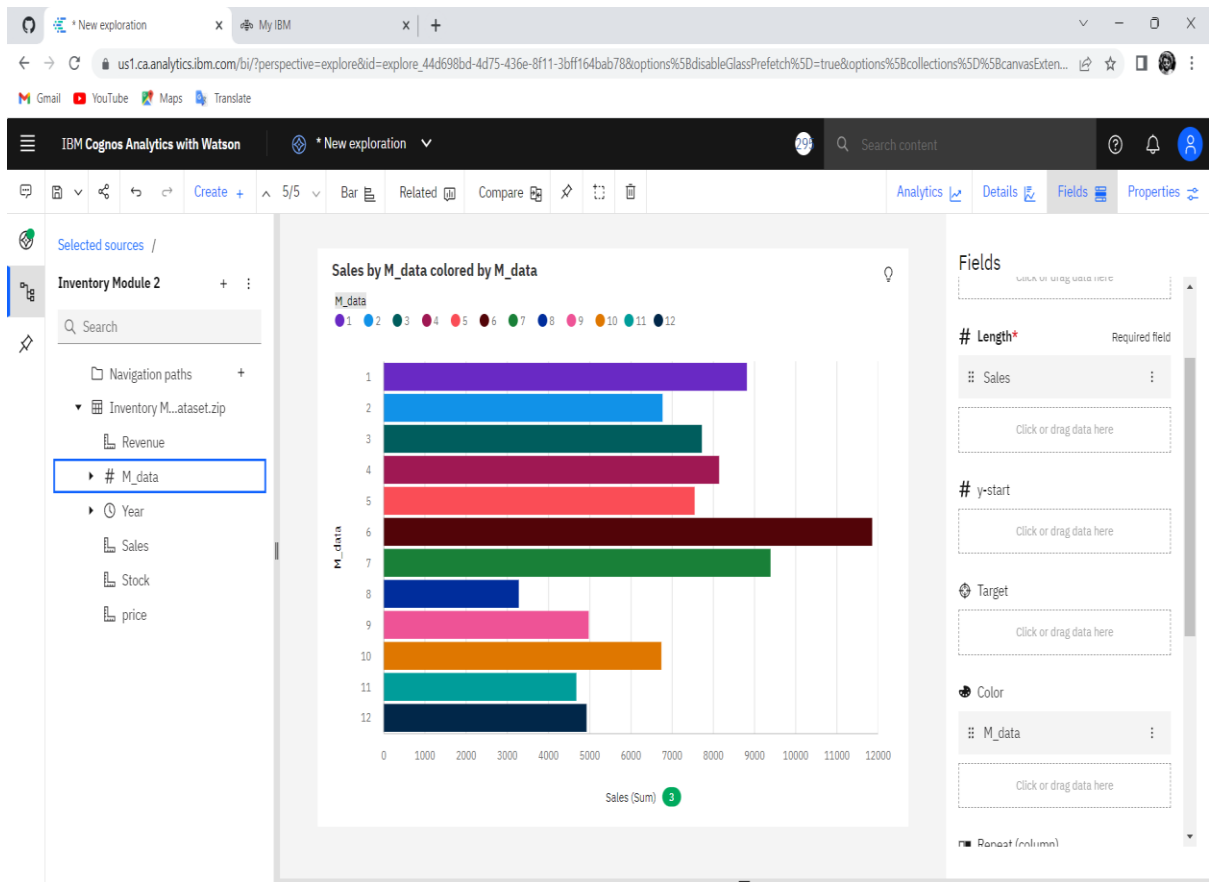
Visualizations:

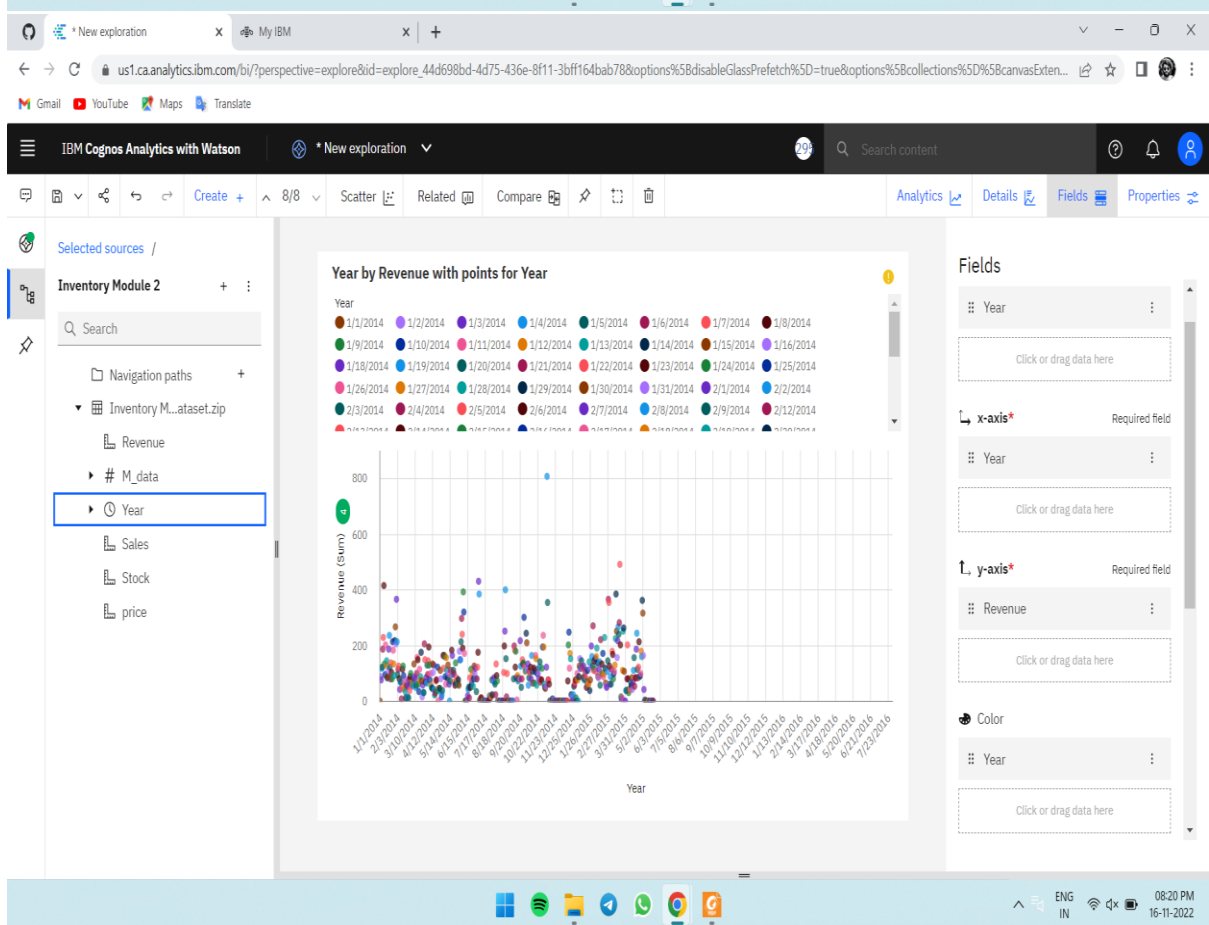
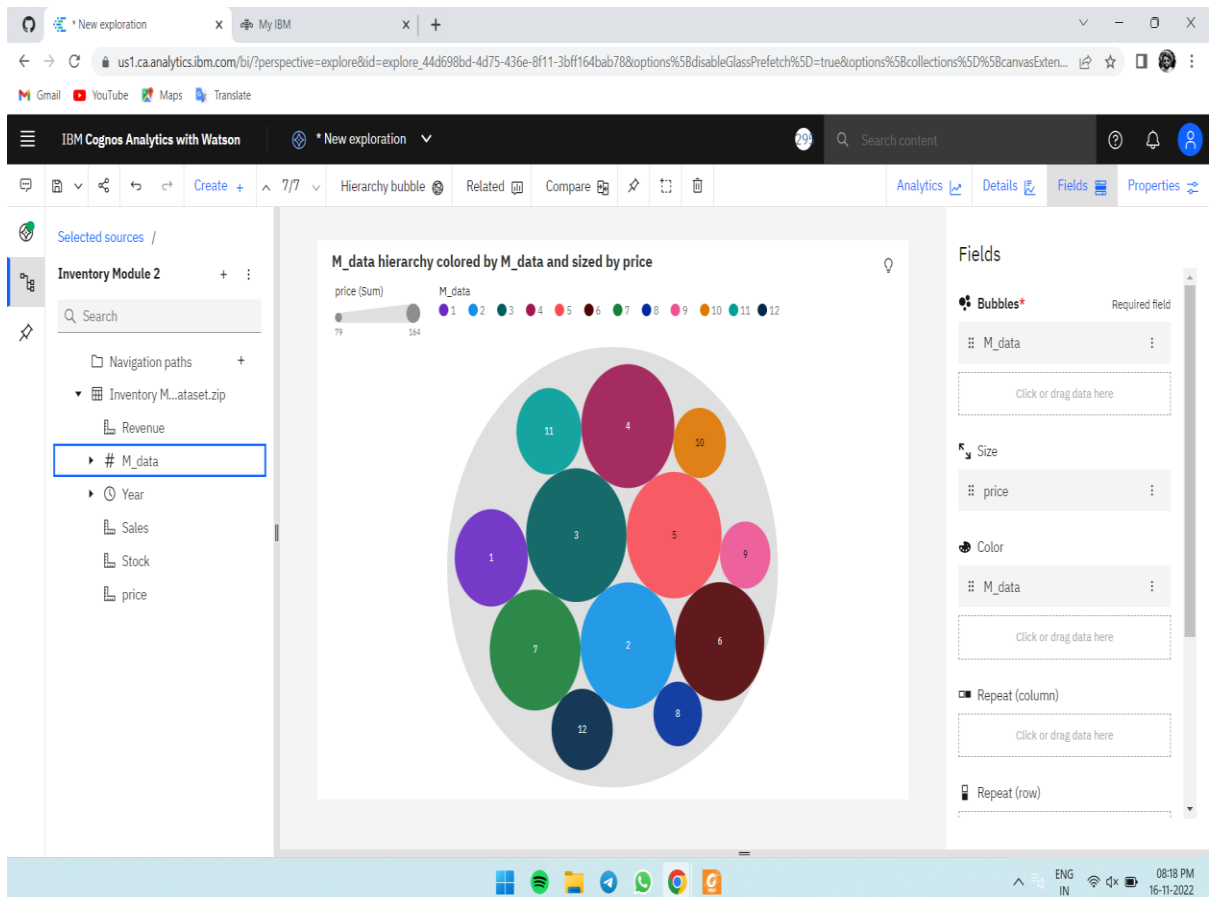


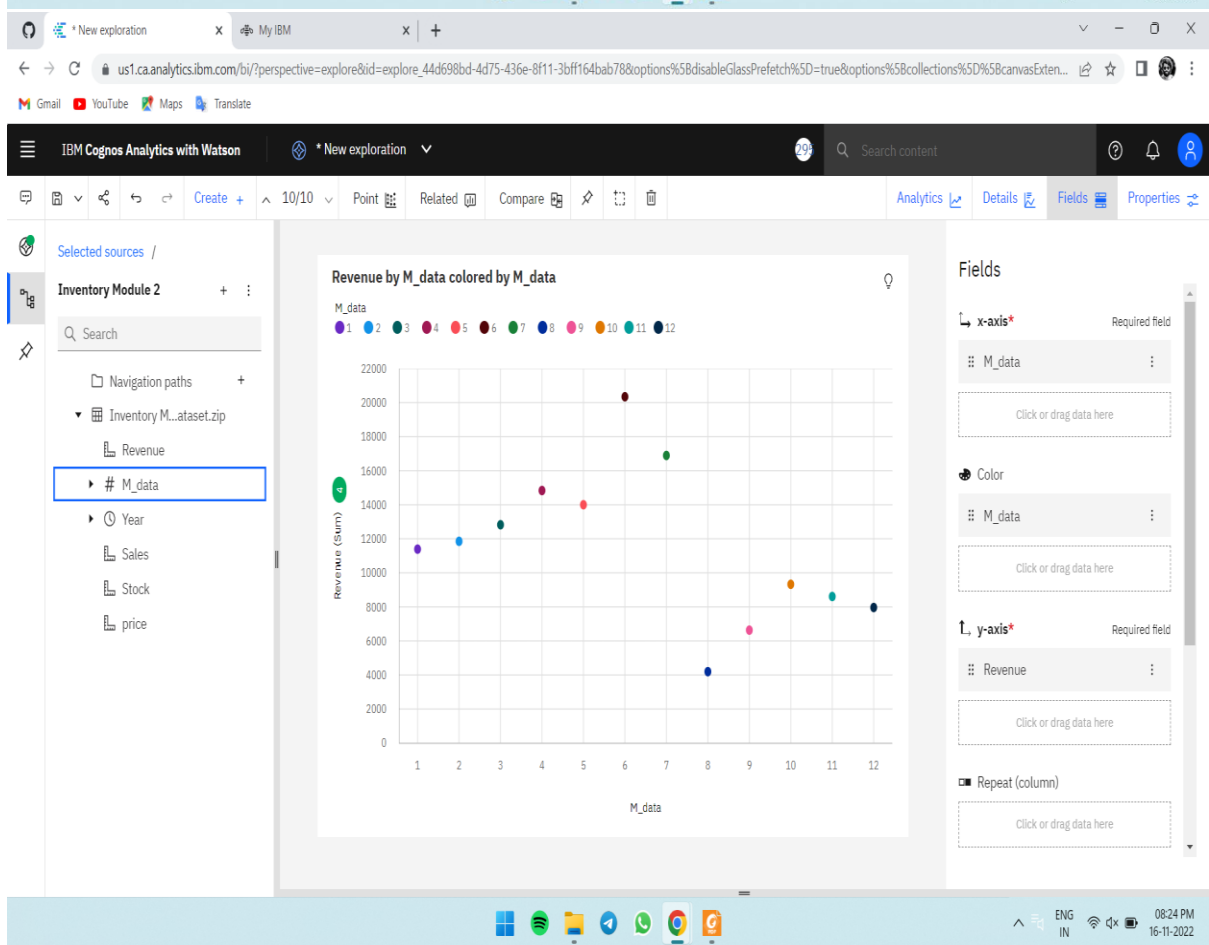
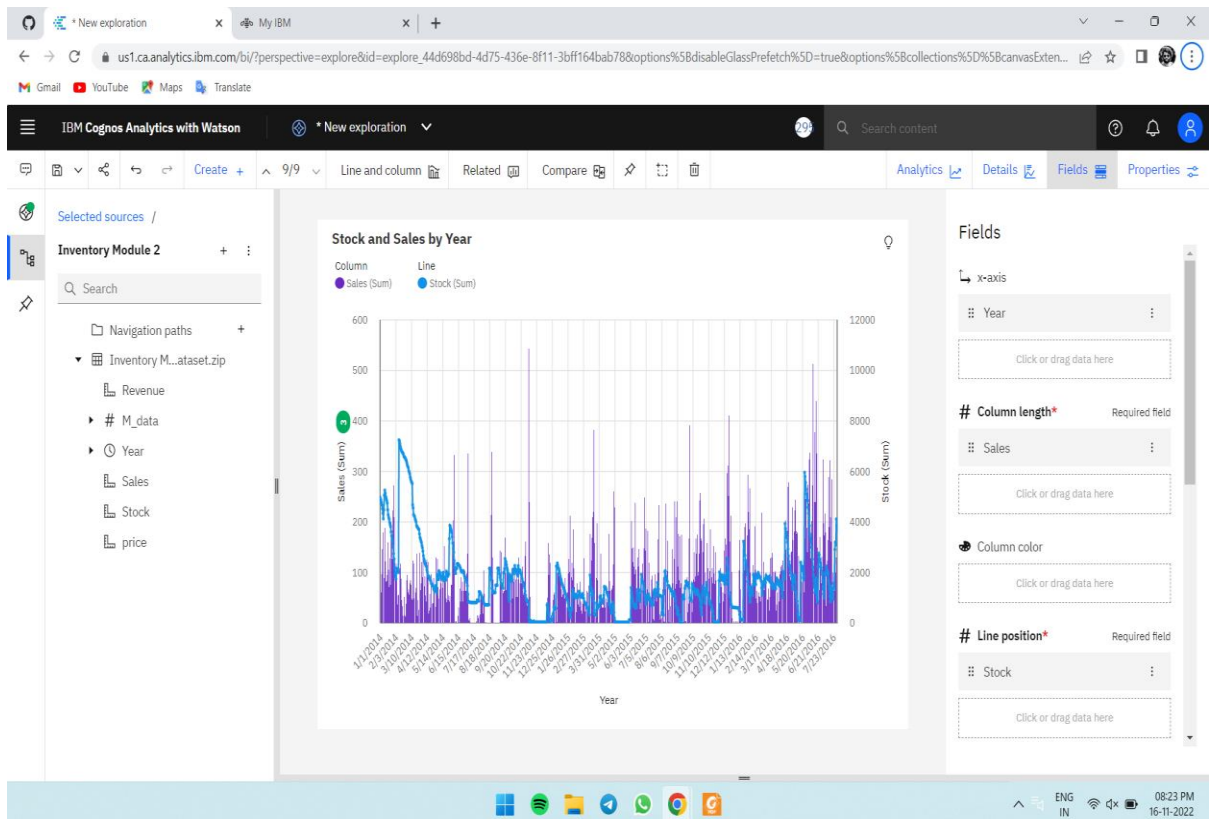
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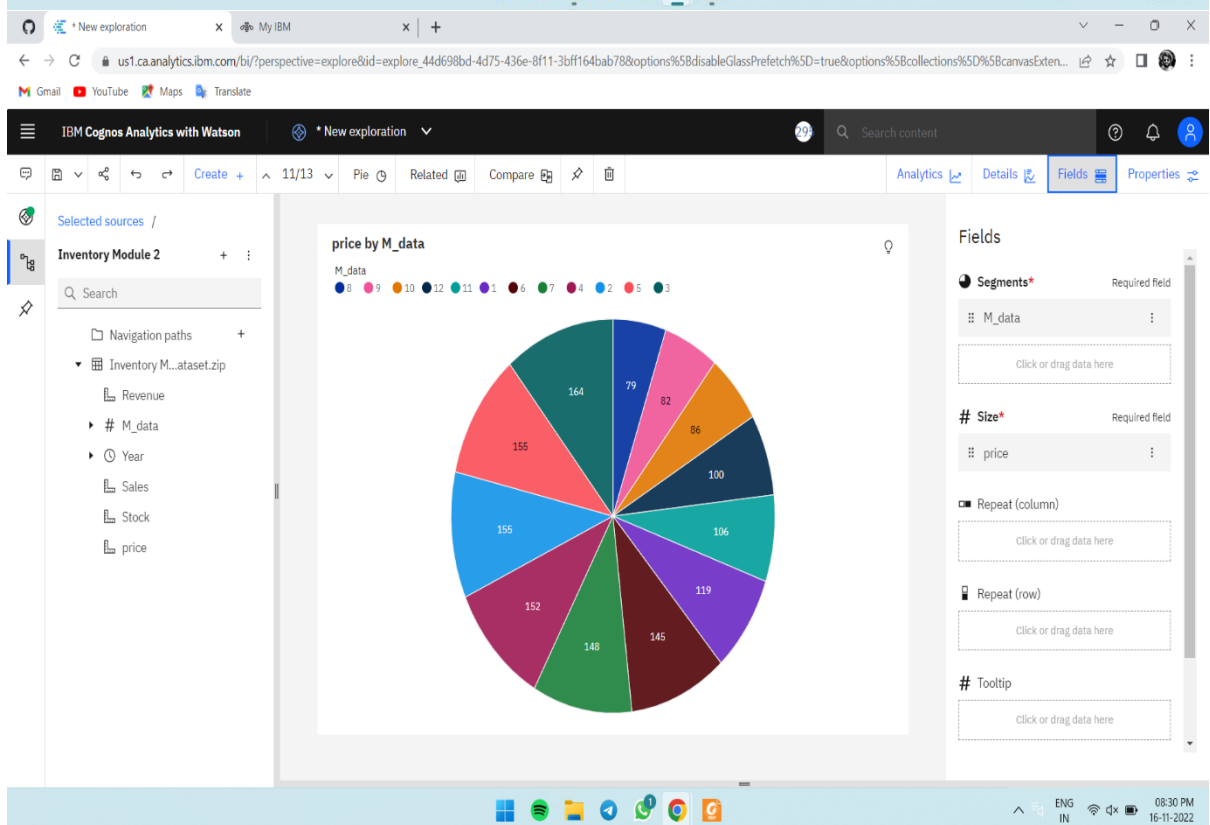
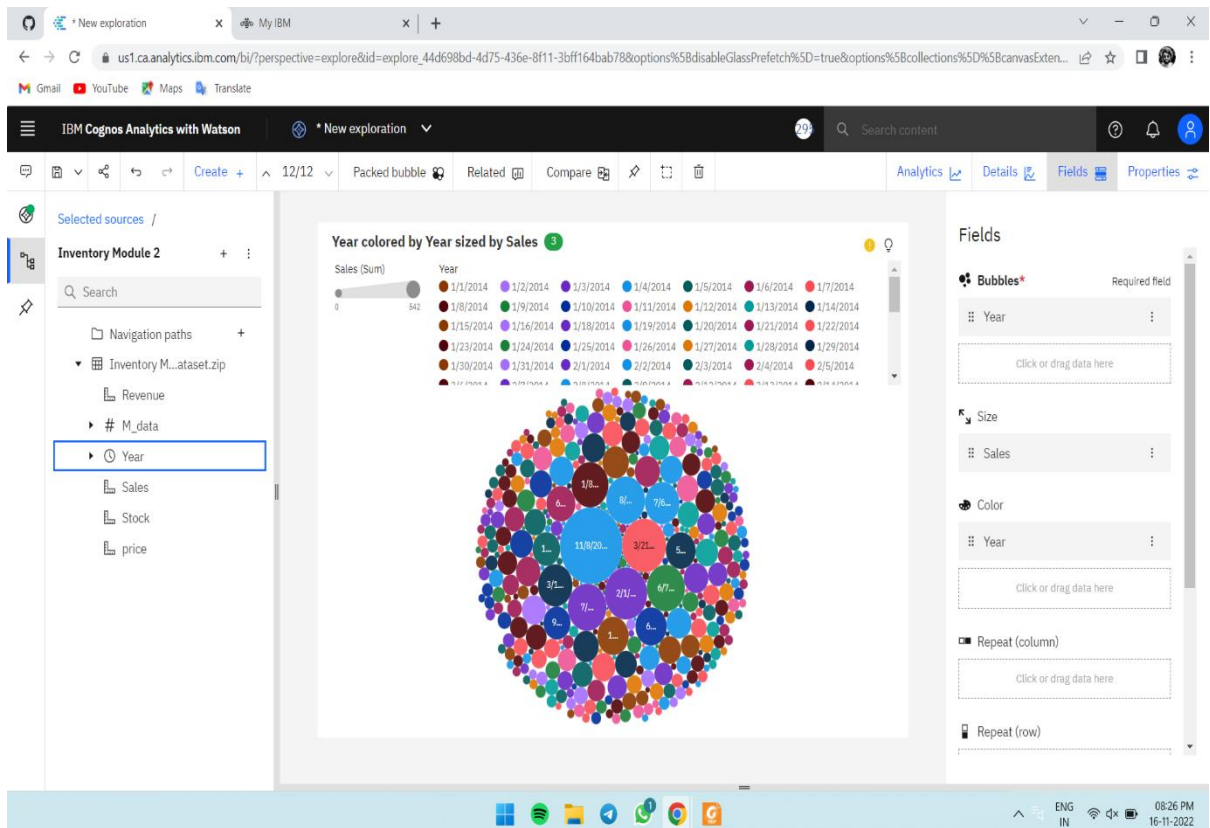


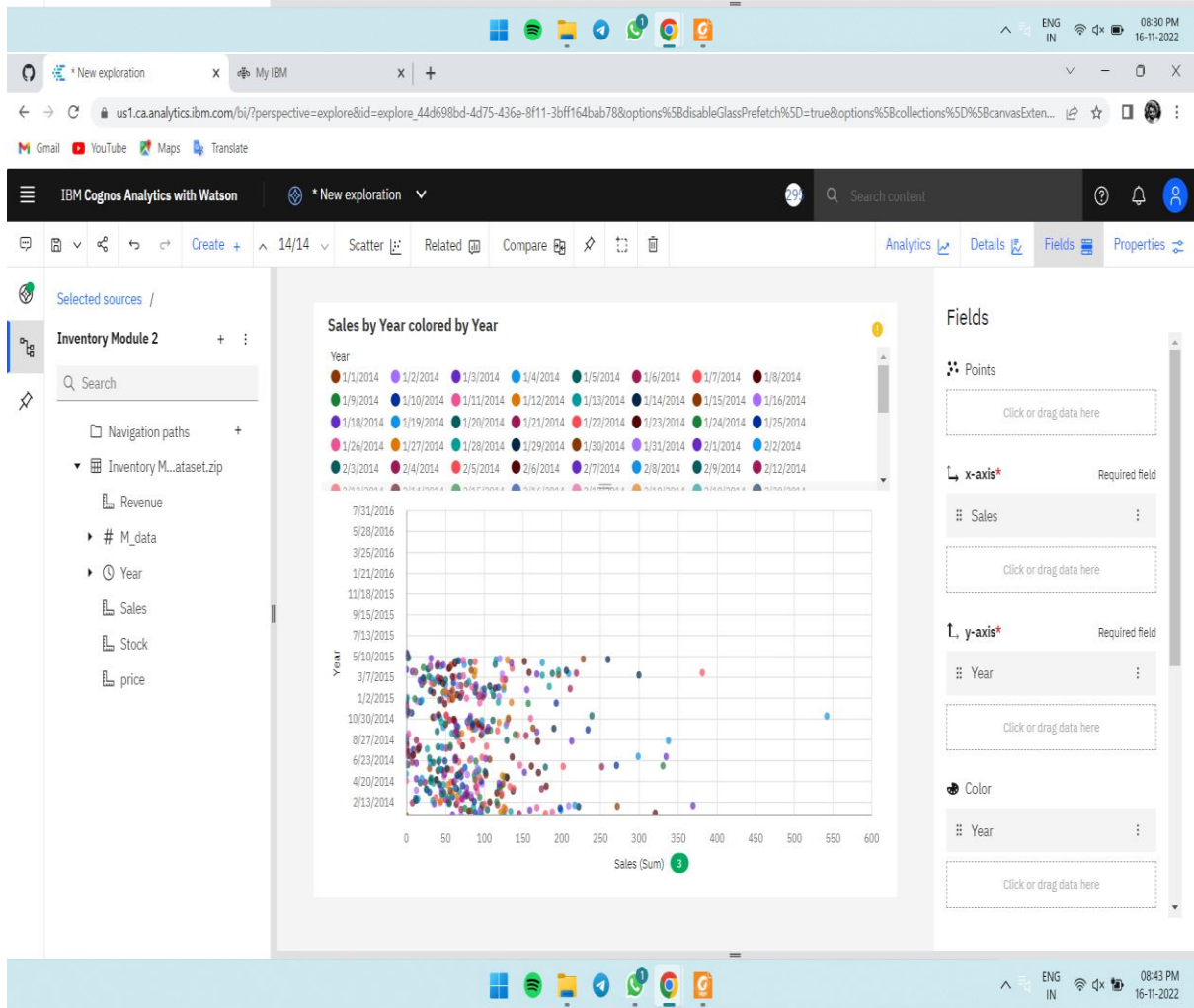
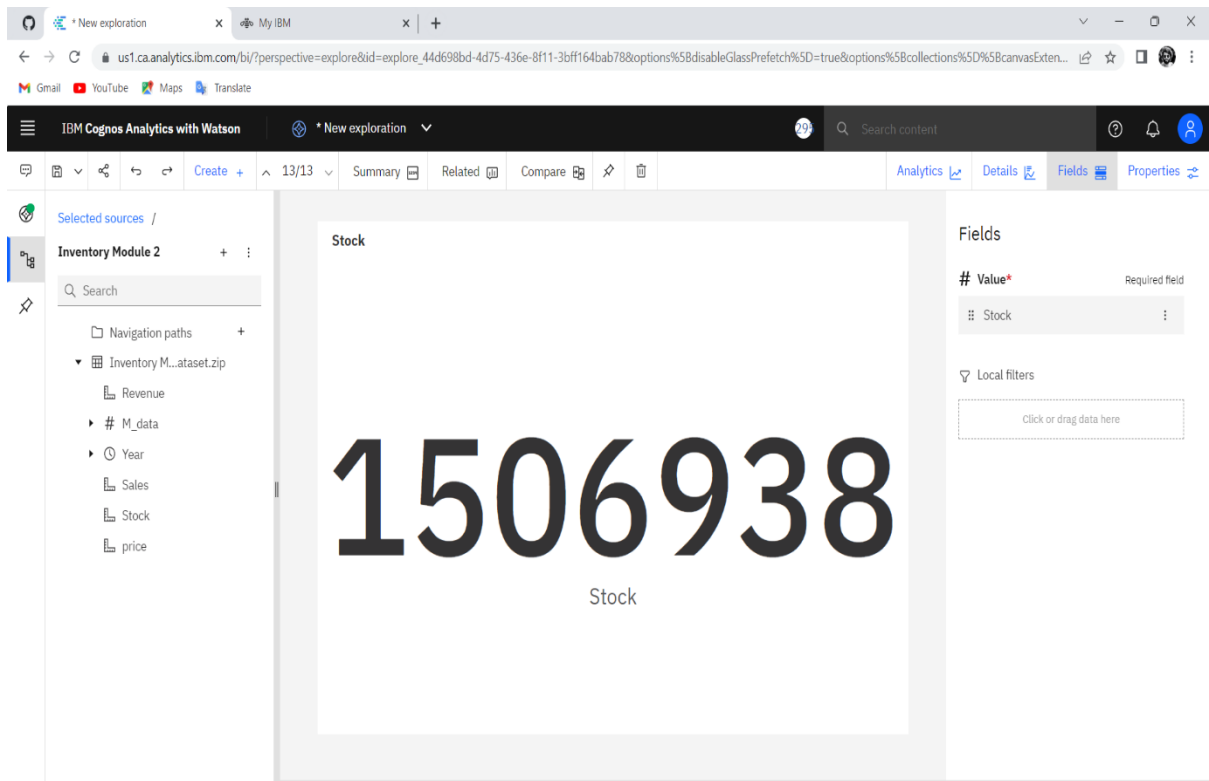












The screenshot displays the IBM Cognos Analytics interface. The main visualization is a 'Revenue' chart, which is a circular diagram with concentric rings and colored dots (blue, orange, green) representing different drivers. A table titled 'Drivers' is visible on the right side of the chart, listing various factors and their percentages.

Drivers	%
Sales, price and M_data	85
Sales and price	85
Sales and M_data	74
Sales	69
price and M_data	24
Stock and M_data	20
price	12

On the left, the 'Selected sources' pane shows a tree structure for 'Inventory Module 2', including 'Revenue', 'M_data', 'Year', 'Sales', 'Stock', and 'price'. The 'Fields' pane on the right shows 'Revenue' as a 'Required field'.

A 'Save as' dialog box is open in the foreground, showing the 'Name' field with the text 'Inventory Exploration' and the 'Selected destination' as 'My content'. Below this, a table lists the contents of 'My content':

Name	Type	Last Accessed
50_Startups.csv	Uploaded file	9/18/2022, 9:18 AM
Assignment 2	Dashboard	9/25/2022, 5:26 AM
inventory data management	Data module	11/1/2022, 6:37 AM
Inventory Management dataset.zip	Uploaded file	11/16/2022, 6:54 AM
Inventory Module	Data module	11/1/2022, 6:52 AM

The dialog box has 'Cancel' and 'Save' buttons at the bottom.

Prepared Visualization Link:

https://us1.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.public_folders%2Fsprint%2FInventory%2BExploration&subView=model0000018480afd6be_00000003