

Project Development Phase Sprint-2

Date	04 November 2022
Team ID	PNT2022TMID36407
Project Name	Retail Store Stock Inventory Analytics.

Task-1:

1. IBM Cognos:

- Go to IBM cognos account and login.

The screenshot shows the IBM Cognos Analytics with Watson homepage in a web browser. The browser's address bar displays the URL `us1.ca.analytics.ibm.com/bi/?perspective=home`. The page features a dark blue header with the IBM Cognos Analytics with Watson logo, a search bar, and user profile icons. A blue banner at the top of the main content area reads: "Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events". Below this banner, the main heading "Hello. Welcome to Cognos Analytics with Watson." is displayed, followed by the text "You can get started right away by taking a look at our introduction video, product tour and Getting Started tab." Two buttons, "Watch video" and "Take a product tour", are provided for user navigation. To the right of the text is a large, stylized graphic of blue cubes connected by dotted lines, representing data analytics. Below the main content area, a "Quick launch" section contains four tiles: "Upload data" (with an upload icon), "Prepare data" (with a data module icon), "Exploration" (with a magnifying glass icon), and "Present data" (with a presentation icon). Each tile includes a brief description of the functionality. The bottom of the screenshot shows the Windows taskbar with various application icons and the system clock indicating 21:15 on 08-11-2022.

- After login click the Exploration and select CSV file or data module.

The screenshot shows the IBM Cognos Analytics web interface. A modal dialog titled "Add a data source to explore" is open, displaying a list of data sources under the "My content" tab. The background interface includes a navigation bar with "IBM Cognos Analytics with Watson", a search bar, and a user profile icon. The main content area shows a welcome message and a "Quick launch" section with an "Upload data" button. The Windows taskbar at the bottom shows the date as 08-11-2022 and the time as 21:15.

Add a data source to explore

My content | Team content

Name	Type	Last Accessed
Inventory Management dataset (2).zip	Uploaded file	11/4/2022, 2:10 AM
Inventory Module	Data module	11/3/2022, 12:33 AM
mock_kaggle.csv CSV	Uploaded file	11/2/2022, 11:02 AM
sales.csv CSV	Uploaded file	9/6/2022, 12:20 AM

Cancel Add

- After selecting the file and click ok.

The screenshot shows the IBM Cognos Analytics web application interface. A modal dialog titled "Add a data source to explore" is open, displaying a list of data sources under the "My content" tab. The list includes:

Name	Type	Last Accessed
Inventory Management dataset (2).zip	Uploaded file	11/4/2022, 2:10 AM
Inventory Module	Data module	11/3/2022, 12:33 AM
mock_kaggle.csv CSV	Uploaded file	11/2/2022, 11:02 AM
sales.csv CSV	Uploaded file	9/6/2022, 12:20 AM

The dialog has "Cancel" and "Add" buttons at the bottom. The background interface shows a welcome message, a "Watch video" button, and a "Quick launch" section with an "Upload data" button. The bottom of the screen shows a Windows taskbar with various application icons and system information.

2. IBM Cognos Exploratory Data:

- Then the explore data is open.

The screenshot displays the IBM Cognos Analytics Exploratory Data interface. The browser address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_0fe00df2-8f01-4b77-b15a-4d3df7f8a910&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasE...`. The interface includes a top navigation bar with "IBM Cognos Analytics with Watson" and a search bar. A blue banner at the top indicates "Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events".

The main workspace is titled "Explore data relationships" and shows a relationship diagram for the "Inventory Module". The diagram features a central node "M_Data" connected to three other nodes: "Price", "Sales", and "Stock". A search bar at the top of the diagram area contains "M_Data". A "Reset to original" link is visible. Below the diagram, a "Relationship diagram" section shows a zoom slider from 10% to 100%.

On the right side, the "Select a visualization" panel displays "Explore visualizations related to 'M_Data'". It includes a table for "M_Data" with two rows (1 and 2) and an "Add +" button. Below this, a visualization titled "Stock and Price by M_Data" is shown, featuring a bar chart and a line chart. Another "Add +" button is present. At the bottom of the panel, the title "Price and Sales for M_Data" is visible.

The bottom of the screen shows a Windows taskbar with various application icons, a weather widget indicating "26°C Mostly cloudy", and a system clock showing "21:15 08-11-2022".

- Then click create and select any visualization if u need .

The screenshot displays the IBM Cognos Analytics with Watson interface. The browser address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_0fe00df2-8f01-4b77-b15a-4d3df7f8a910&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasE...`. The interface includes a top navigation bar with the IBM Cognos Analytics with Watson logo, a search bar, and a user profile icon. A blue banner at the top indicates "Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events".

The main workspace is divided into several sections:

- Left Panel:** Contains a "Selected sources" section with a search bar and a list of sources: "mock_kaggle.c", "M_Data", "Year", "Sales", "Stock", and "Price".
- Center Panel:** Displays a "Relationship diagram" showing a central node "M_Data" connected to three other nodes: "Price", "Sales", and "Stock". The diagram is titled "relationships" and includes a "Reset to original" button and an "Edit diagram" dropdown.
- Right Panel:** Contains a "Select a visualization" section with the title "Explore visualizations related to 'M_Data'". It lists two visualizations: "M_Data" and "Stock and Price by M_Data". The "M_Data" visualization is shown as a bar chart with two series, and the "Stock and Price by M_Data" visualization is shown as a line chart with two series. Both visualizations have an "Add +" button.

The bottom of the interface shows a Windows taskbar with various application icons and a system tray displaying the date and time: "21:15 08-11-2022".

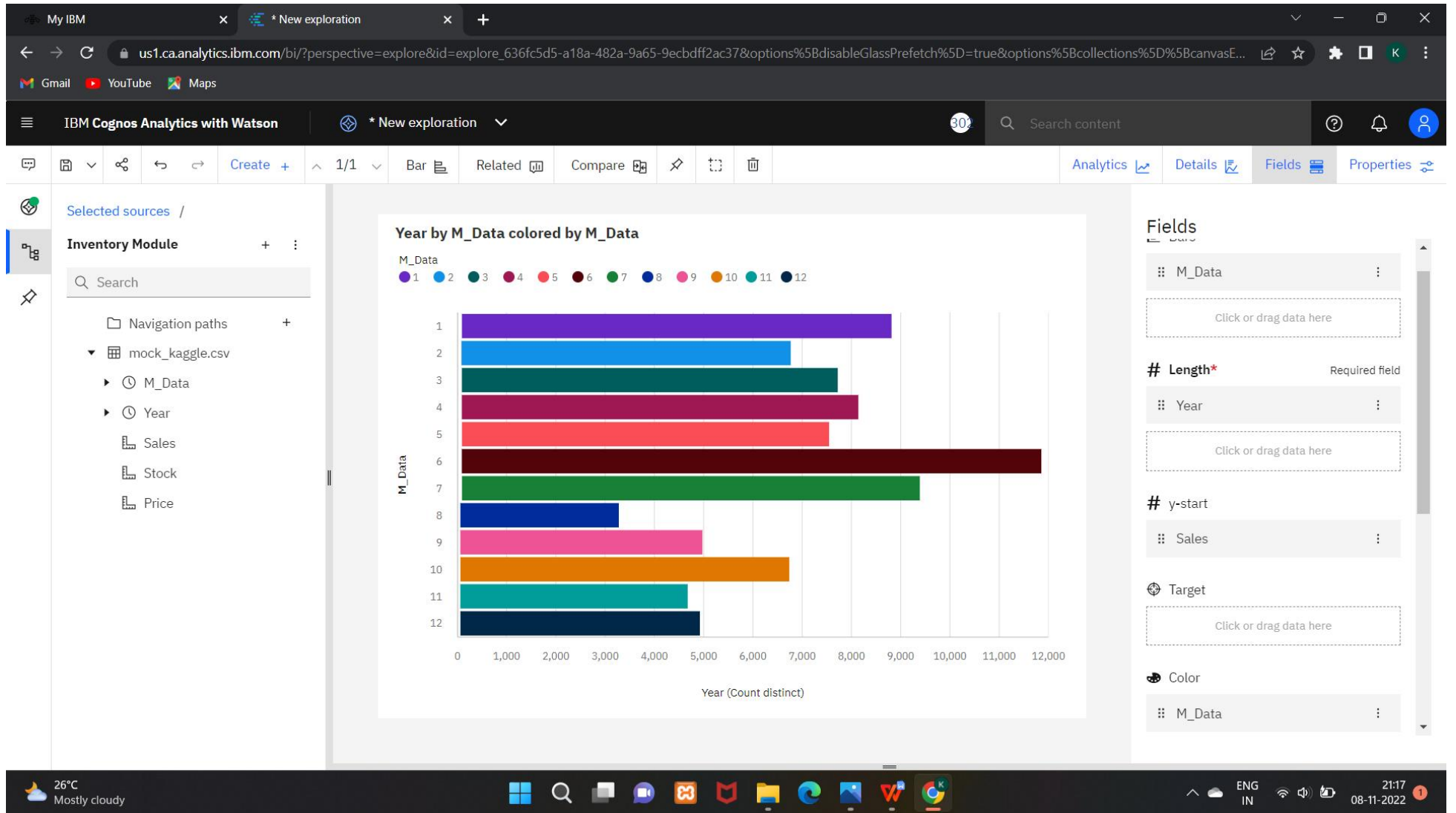
- Then in center have choose for visualization click it.

The screenshot displays the IBM Cognos Analytics web application interface. The browser address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_636fc5d5-a18a-482a-9a65-9ecbdf2ac378&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasE...`. The page header includes the IBM Cognos Analytics with Watson logo, a search bar, and a user profile icon. A blue banner at the top indicates that scheduled maintenance has been completed. The main content area is titled 'Create a visualization' and prompts the user to 'Drag and drop fields or choose visualization type'. A blue button labeled 'Choose a type' is visible. On the left, the 'Inventory Module' sidebar shows a search bar and a list of fields: 'Navigation paths', 'mock_kaggle.csv', 'M_Data', 'Year', 'Sales', 'Stock', and 'Price'. On the right, the 'Fields' panel shows a box icon and the text 'No visualization created' with a subtext 'Create a visualization to manage the field settings.' The bottom of the image shows a Windows taskbar with various application icons and system information like temperature (26°C) and date (08-11-2022).

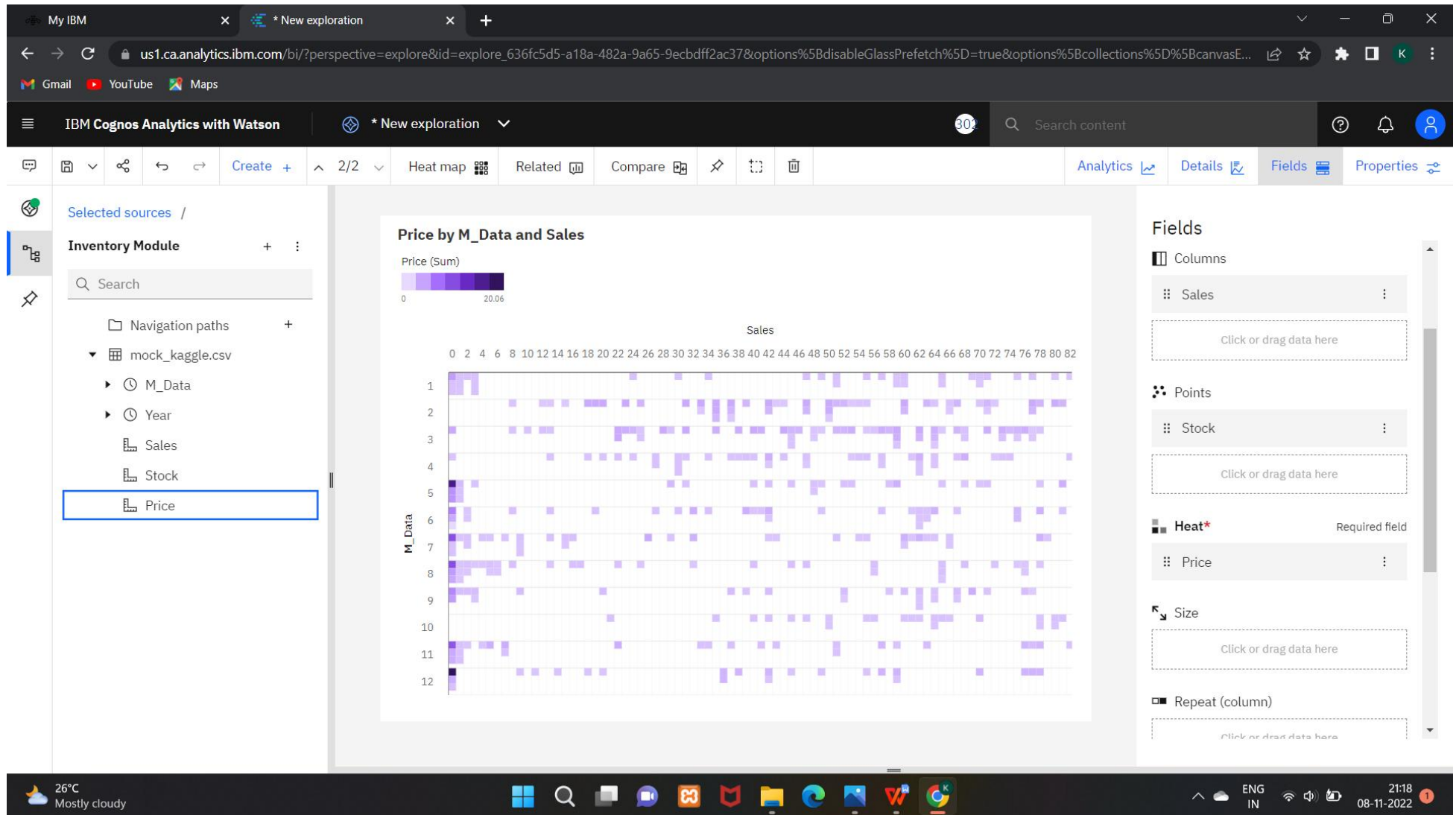
- There are lot of visualization type select what you want.

The screenshot displays the IBM Cognos Analytics web interface. At the top, there's a navigation bar with 'My IBM' and 'New exploration' tabs. Below it, a search bar and a maintenance notification are visible. The main area is divided into a left sidebar and a central workspace. The sidebar shows 'Selected sources' with a tree view under 'Inventory Module' containing 'mock_kaggle.csv', 'M_Data', 'Year', 'Sales', 'Stock', and 'Price'. The central workspace is titled 'Choose visualization type' and features a grid of visualization options categorized into: Comparison (Bar, Bullet, Column, Heat map, Line and column, Marimekko, Radar, Radial, Stacked bar, Stacked column, Word cloud), Parts to whole (Hierarchy bubble, Packed bubble, Pie, Tree map), Trend (Area, Box plot, Line, Line and column, Point, Radial, Waterfall), Relationships (Bubble, Heat map, Network, Scatter), Tables and summary (Crosstab, List, Summary, Table), Advanced analytics, Geospatial, and Other. The bottom of the screen shows a Windows taskbar with various application icons and system status information like temperature (26°C) and date (08-11-2022).

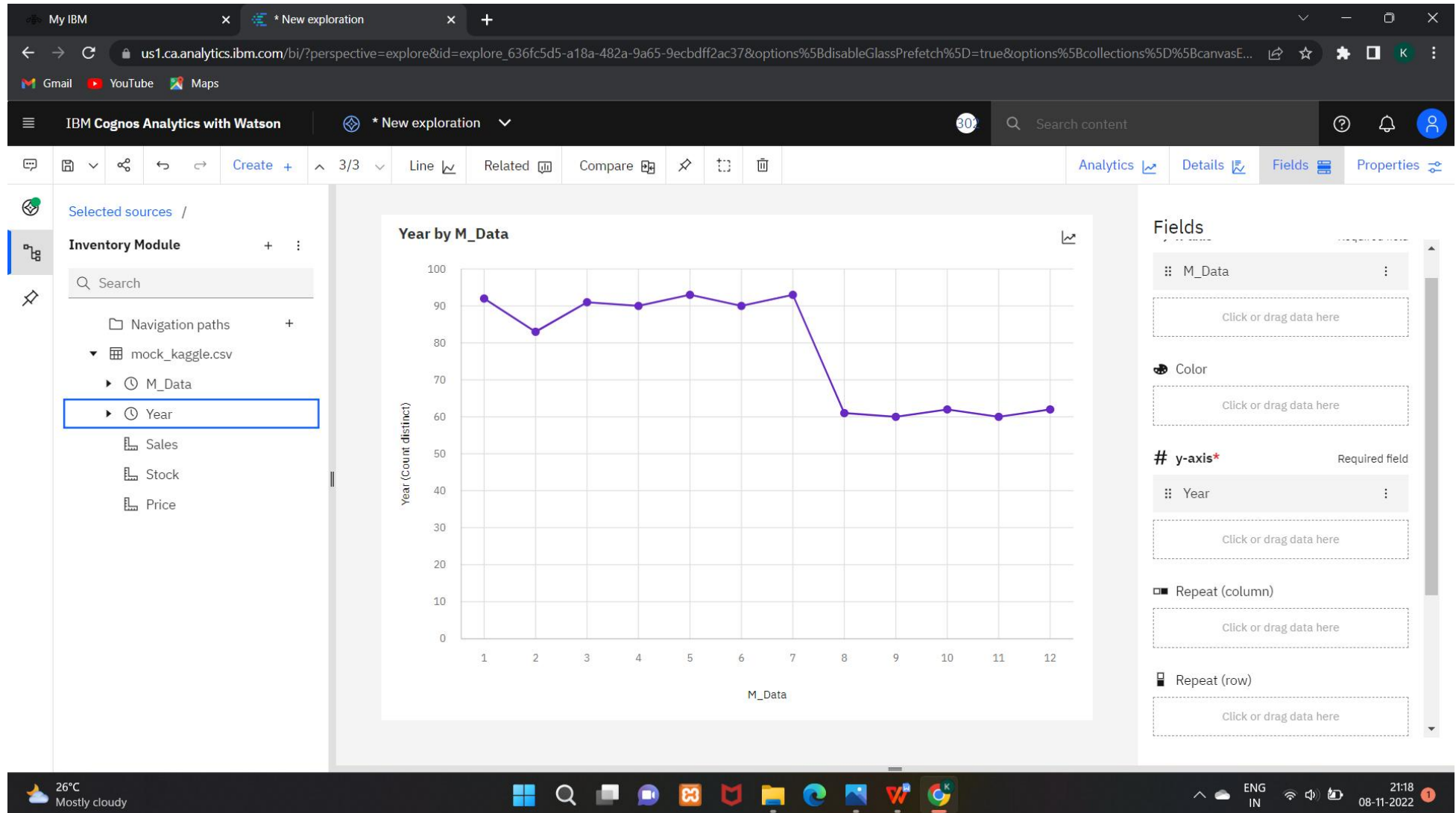
- It is bar chart.



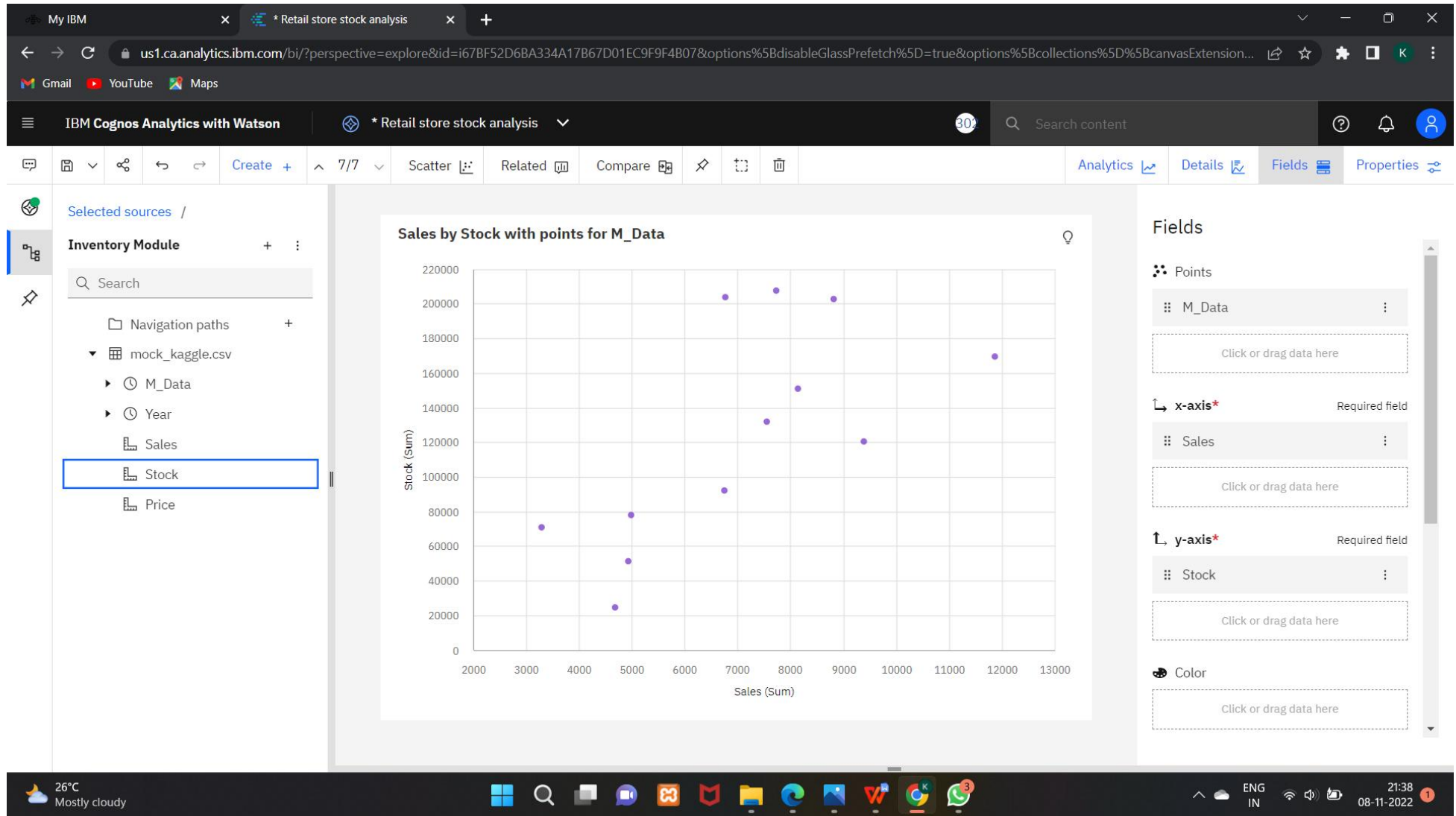
- It is Heat map chart.



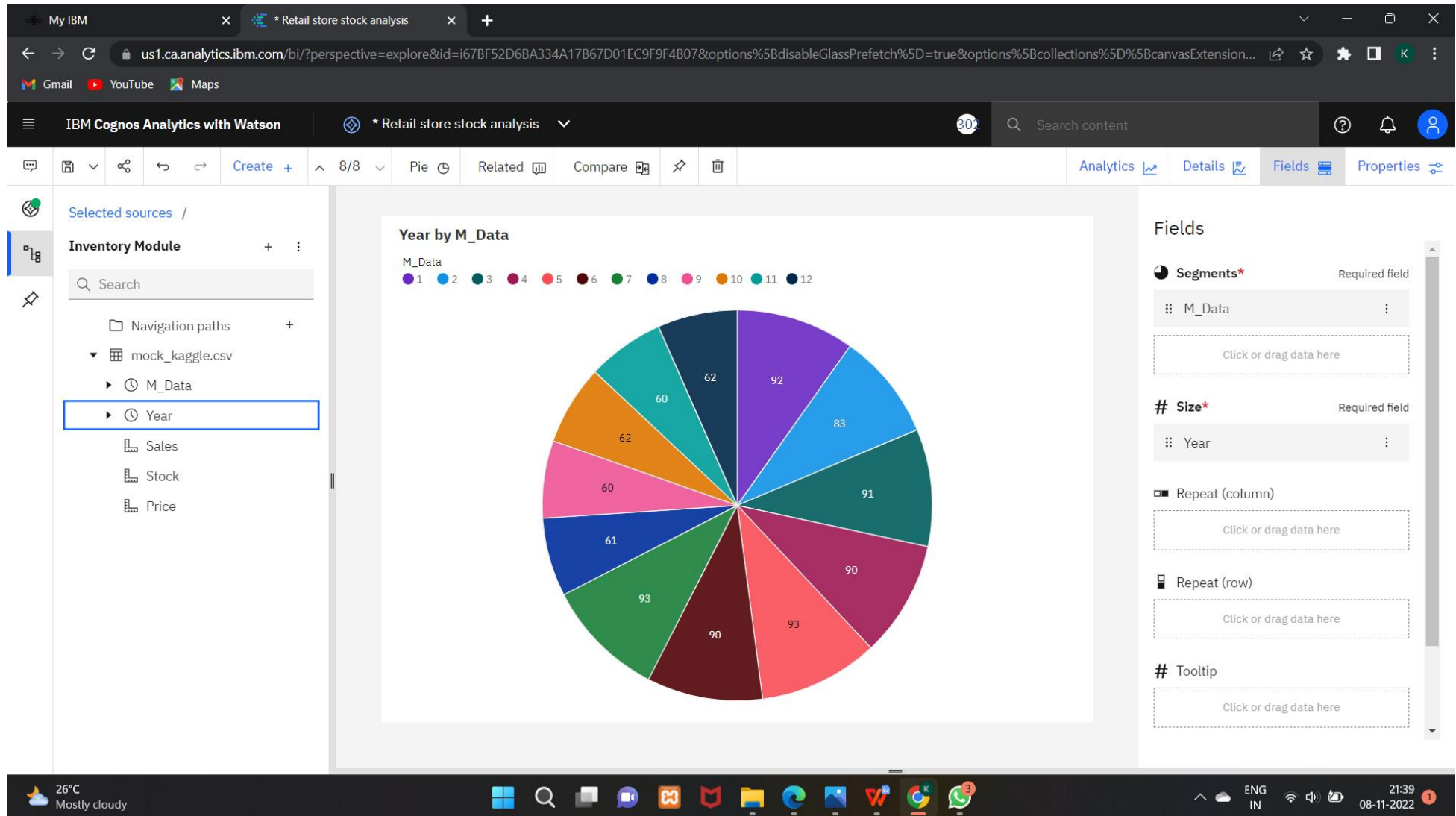
- It is Line chart.



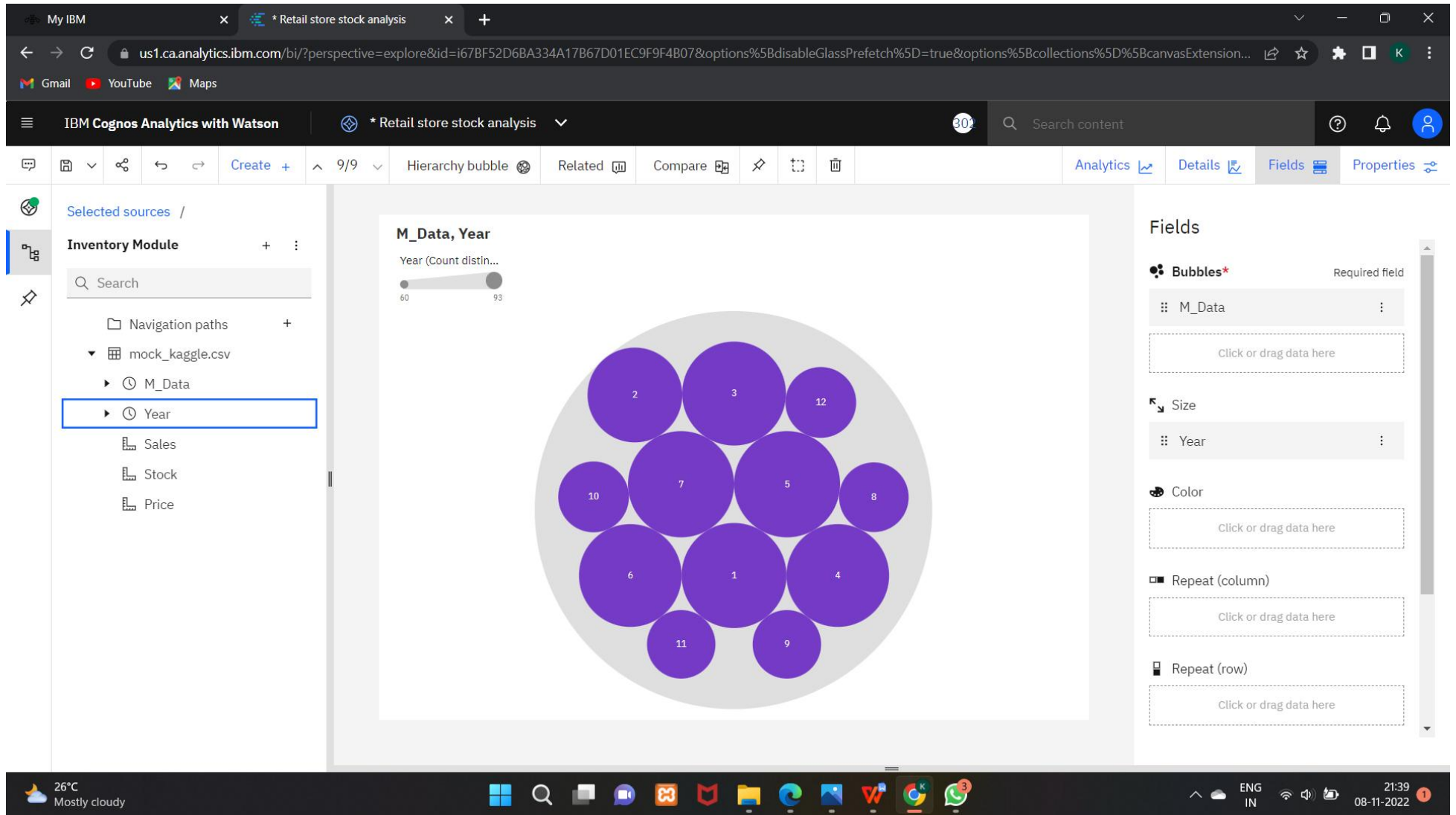
- It is Scatter chart.



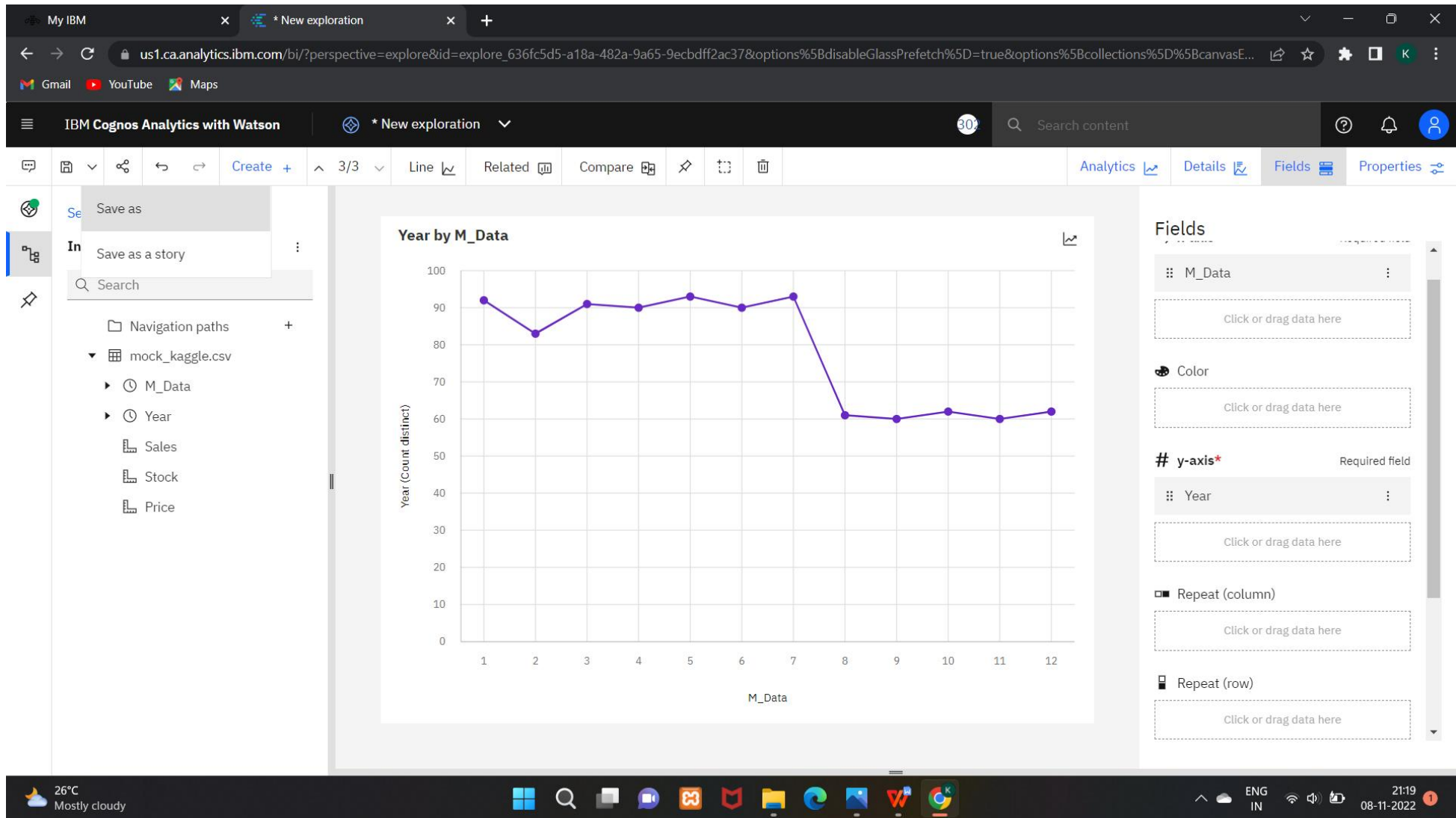
- It is pie chart.



- It is Hierarchy bubble chart.



- After completing all the chart click save icon or Ctrl + S to save as.



- Then enter the file name and click ok.

The screenshot shows the IBM Cognos Analytics web interface. A 'Save as' dialog box is open in the center. The 'Name' field contains 'New exploration'. The 'Selected destination' is 'Team content'. Below this, there are two tabs: 'My content' and 'Team content', with 'Team content' selected. A table lists existing content items:

Name	Type	Last Accessed
Calendars	Folder	10/20/2022, 9:28 PM
Get started	Folder	10/20/2022, 9:28 PM
Samples	Folder	10/20/2022, 9:28 PM
Templates	Folder	10/20/2022, 9:28 PM
The Weather Company, an IBM Business	Folder	10/20/2022, 9:28 PM

At the bottom of the dialog are 'Cancel' and 'Save' buttons. The background interface shows the 'Inventory Module' on the left and a 'Details' panel on the right. The Windows taskbar at the bottom shows the date as 08-11-2022 and time as 21:19.