

PROJECT DEVELOPMENT PHASE

DELIVERY OF SPRINT-2

Team ID	PNT2022TMID21750
Project Name	Retail Store Stock Inventory Analytics

PROJECT DEVELOPMENT PHASE:

Sprint-1:

- Data Collection
- Data Preparation

Sprint-2:

- Data Exploration

Sprint-3:

- Dashboard Creation

Sprint-4:

- Report Creation
- Story Creation

TEAM ID: PNT2022TMID21750

Retail Store Stock Inventory Analytics

Project Contributors

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SPRINT-2:

DATA EXPLORATION

- ✓ LOAD THE DATASET
- ✓ SALES ANALYSIS
- ✓ PRICE ANALYSIS
- ✓ STOCK AND PRICE FOR YEAR COLORED BY PRICE
- ✓ PRICE FOR YEAR COLORED BY YEAR
- ✓ STOCK AND SALES FOR YEAR COLORED BY YEAR
- ✓ YEAR COLORED BY YEAR SIZED BY STOCK
- ✓ STOCK TREE SUNBURST
- ✓ SALES TO PRICE WITH LINE WIDTH PRICE
- ✓ STOCK USERS
- ✓ YEAR SIZED BY SALES
- ✓ PREPARED DATA LINK

DATA COLLECTION:

Download the Dataset

Dataset link - [https://drive.google.com/drive/folders/1kiL-](https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy)

[5CHJmQvbk9VyFsuUs-myAupBZGNy](https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy)

LOAD THE DATASET:

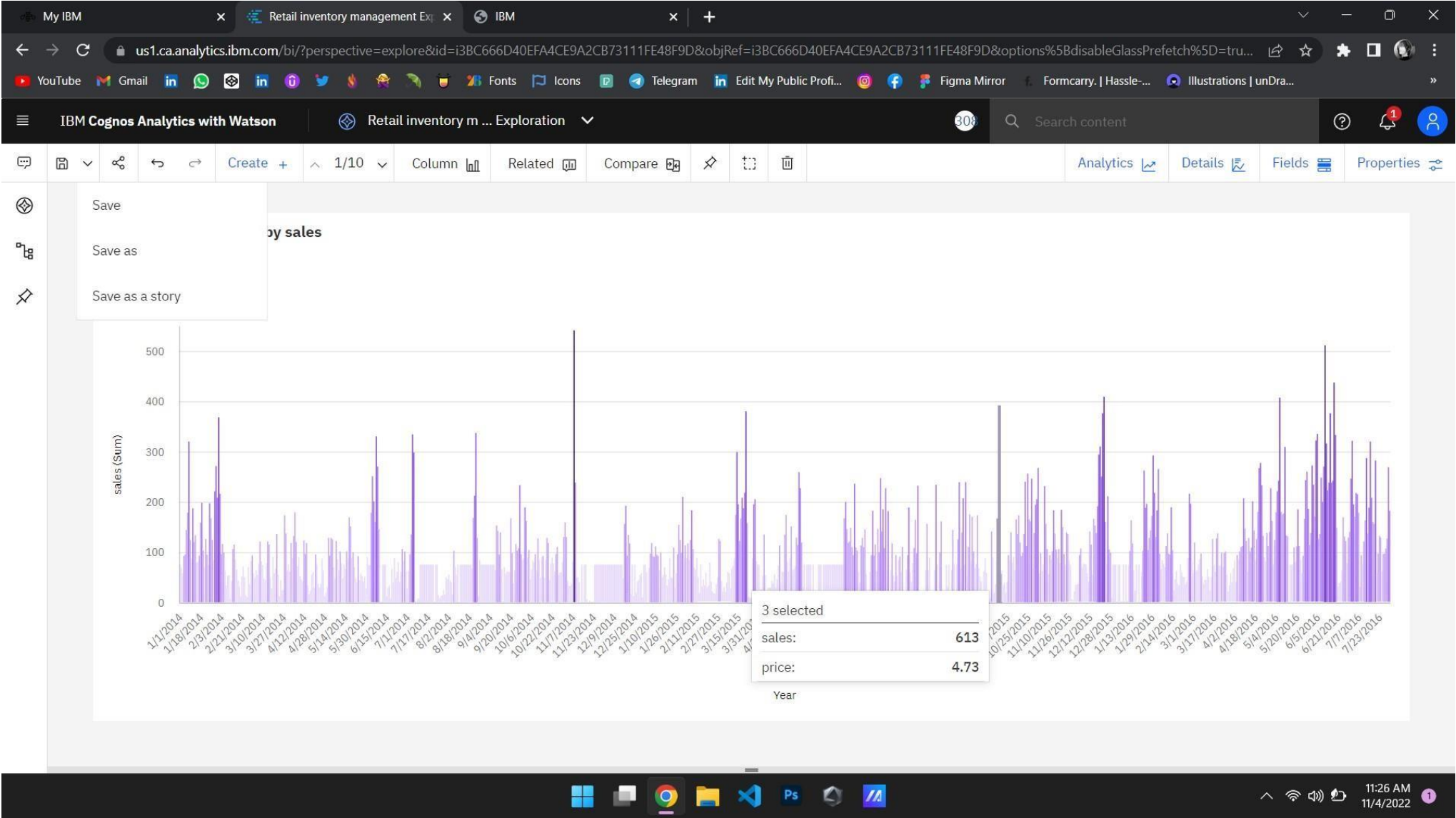
Tool used – IBM Cognos

The screenshot displays the IBM Cognos Analytics web interface. The browser's address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=content&tab=myContent&folder=i6B2ECC03DE384F2BBE13E94B27C40FC7`. The page title is "Content". A green notification banner at the top states: "mock_kaggle.csv was uploaded successfully." with a "Hide Details" link. Below the notification, the "Content" section is active, showing a grid of data modules. The grid includes:

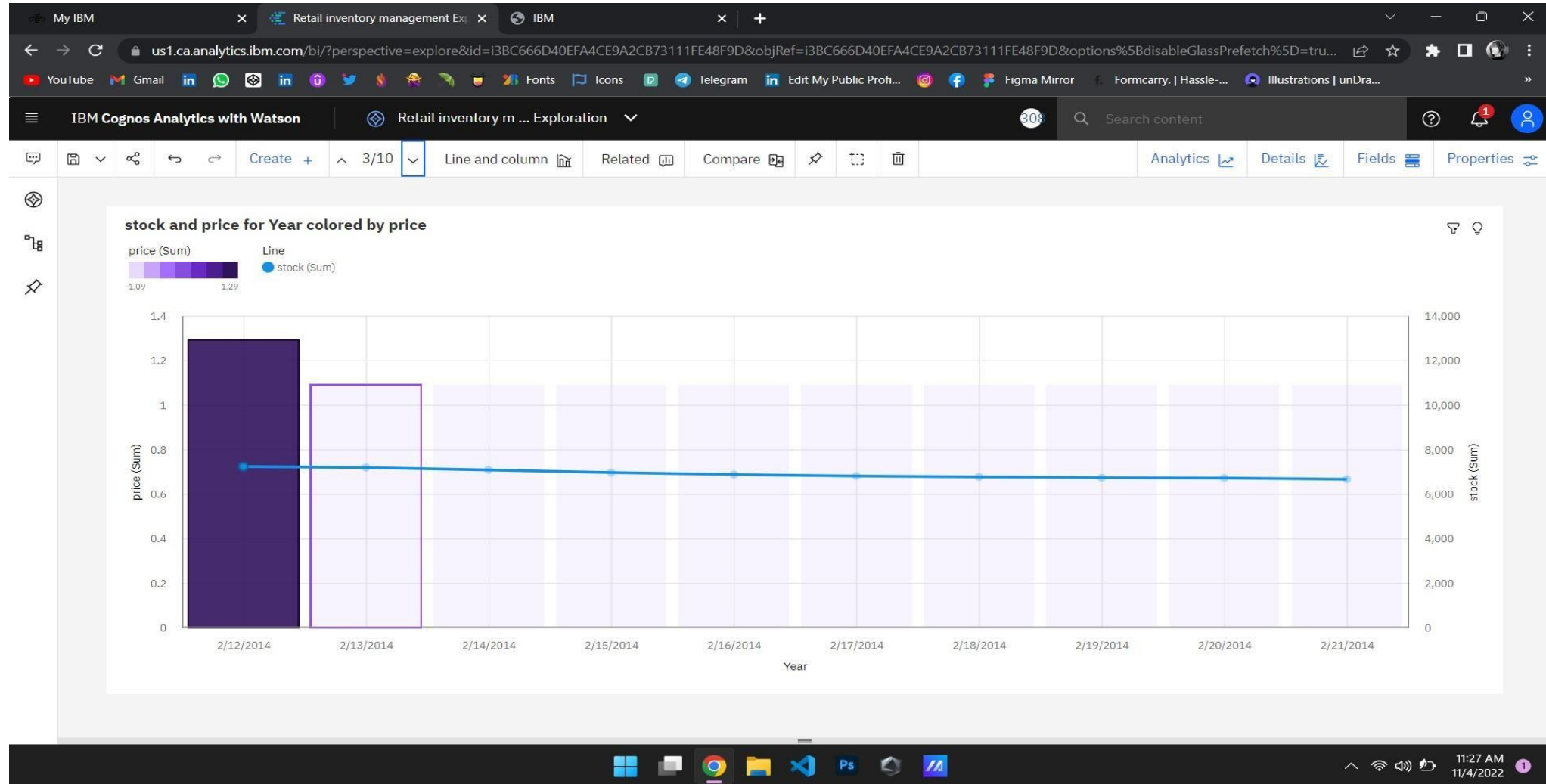
- Data module**: Last Accessed 9/25/2022, 12:24 AM.
- Sprint-1**: Last Accessed 10/30/2022, 11:59 PM.
- 50_startups.csv**: Last Accessed 9/16/2022, 3:23 AM. (CSV icon)
- bank (1).csv**: Last Accessed 9/18/2022, 11:49 PM. (CSV icon)
- bikebuyer.csv**: Last Accessed 9/14/2022, 9:02 AM. (CSV icon)
- mock_kaggle.csv**: Last Accessed 10/31/2022, 12:06 AM. (CSV icon)
- Olympic Events.xlsx**
- Olympic Medals.xlsx**
- Pharma_Monthly_Sales.csv**
- pharmacy data**

The bottom of the screen shows a Windows taskbar with the date and time: 10:36 AM 10/31/2022. The system tray indicates "80°F Rain coming" and "ENG US".

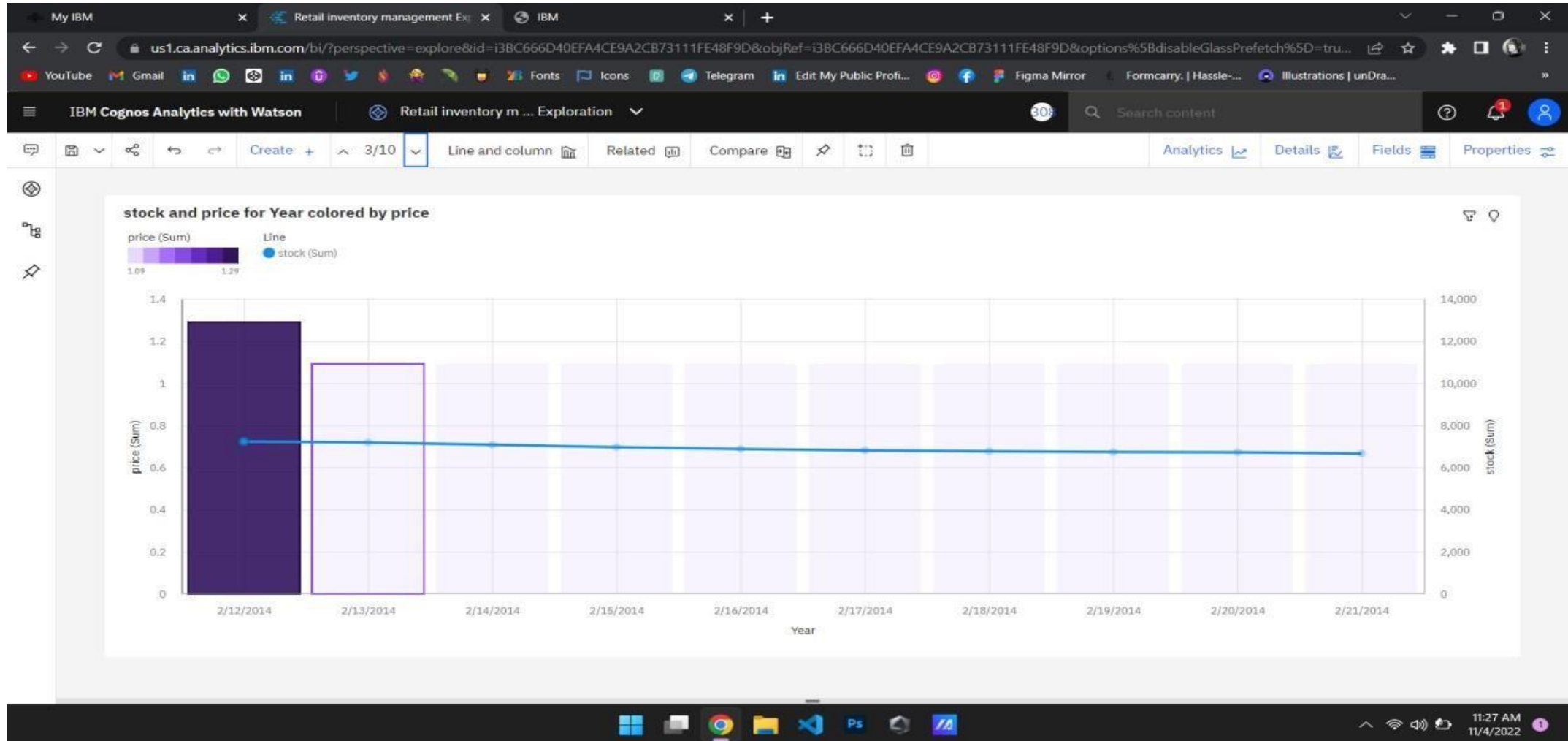
SALES ANALYSIS:



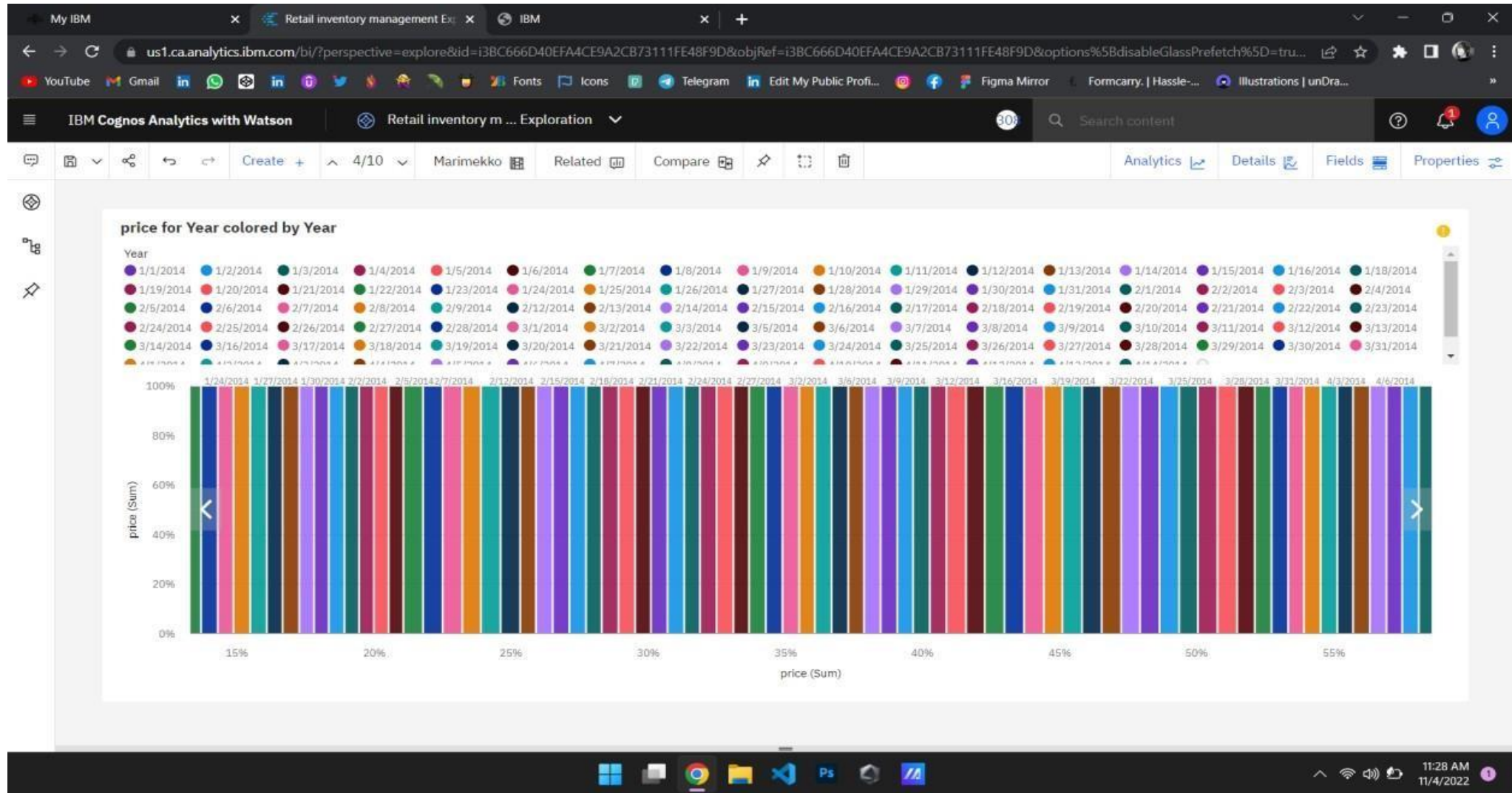
PRICE ANALYSIS:



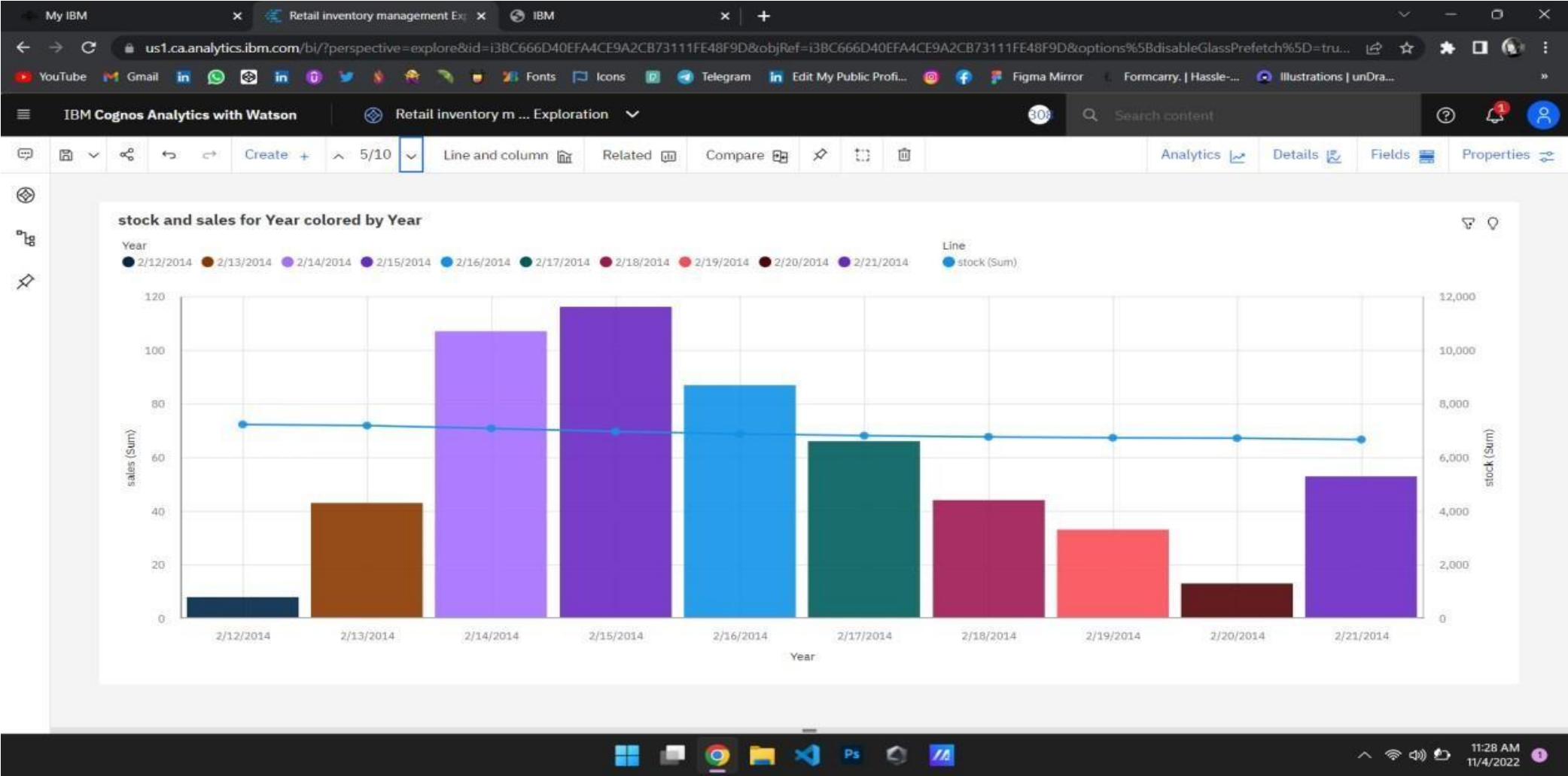
STOCK AND PRICE FOR YEAR COLORED BY PRICE:



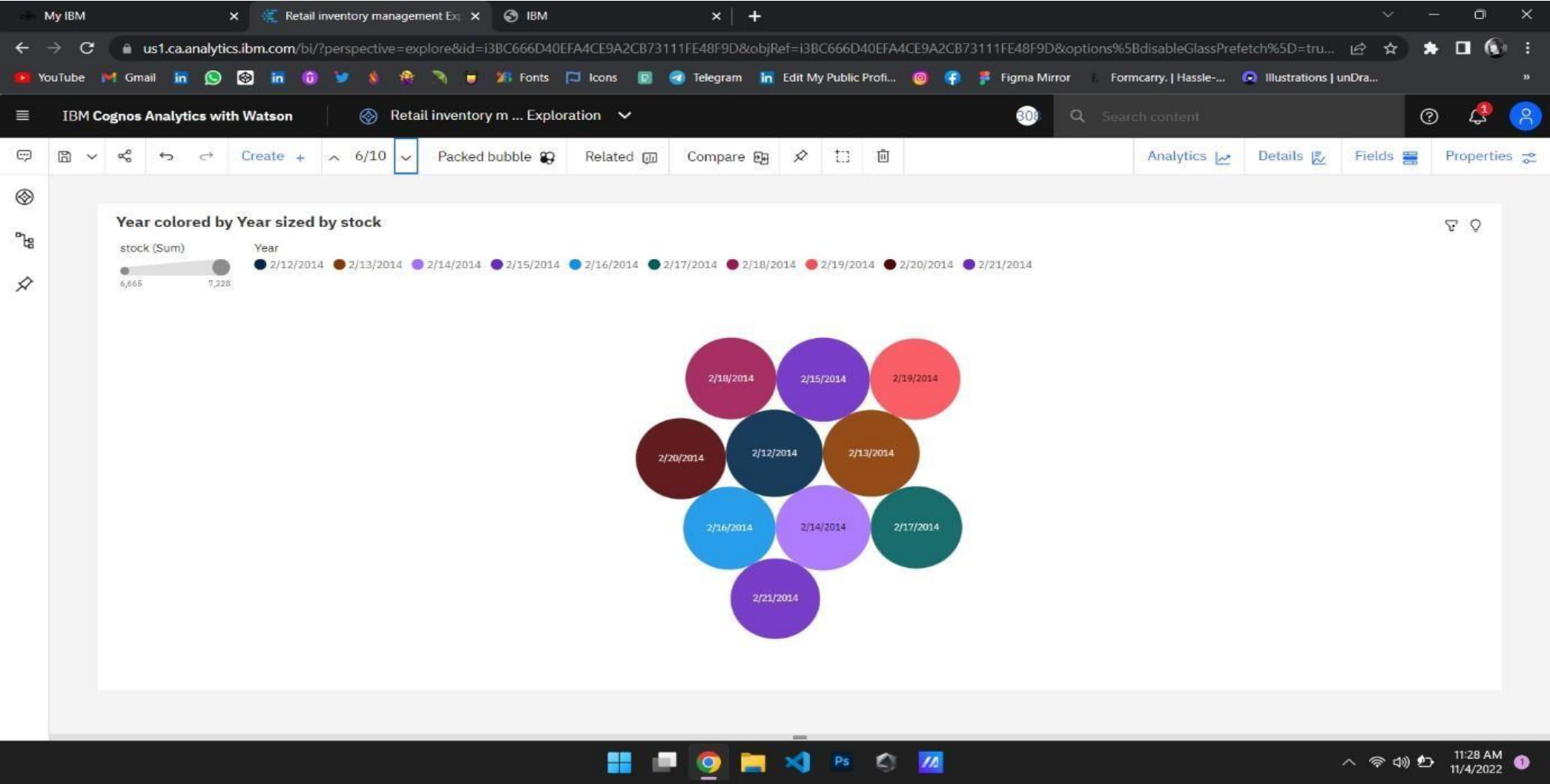
PRICE FOR YEAR COLORED BY YEAR:



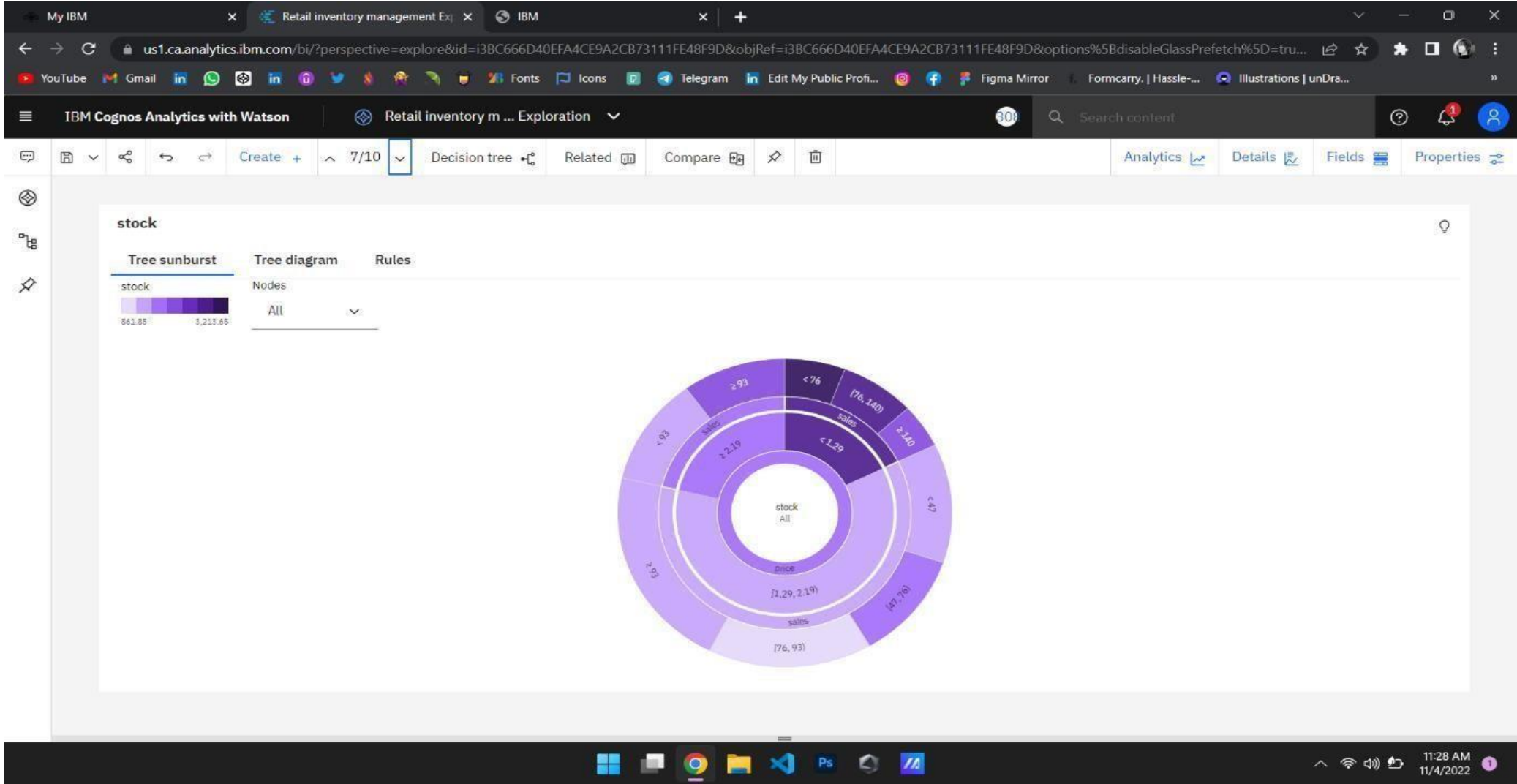
STOCK AND SALES FOR YEAR COLORED BY YEAR:



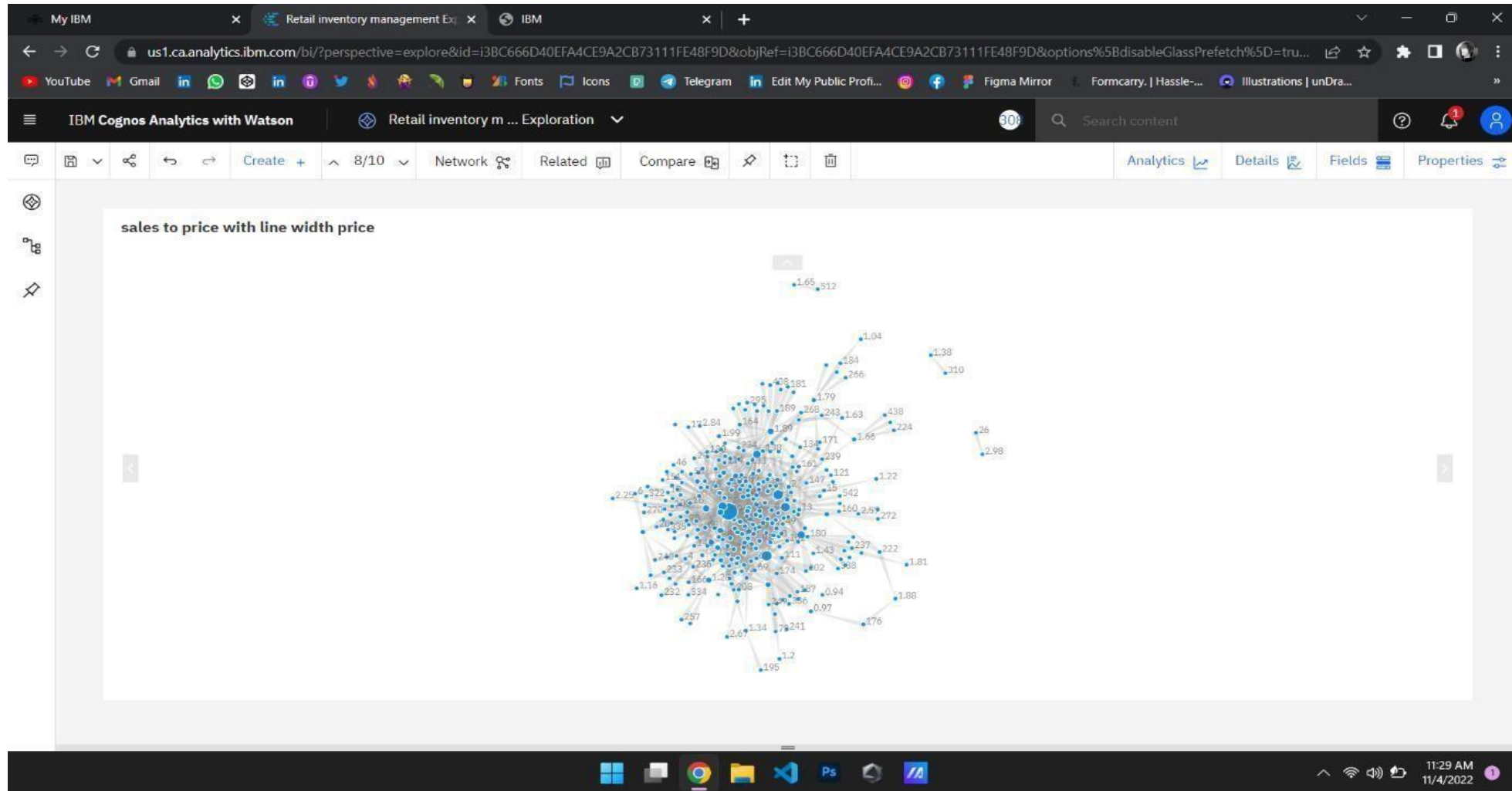
YEAR COLORED BY YEAR SIZED BY STOCK:



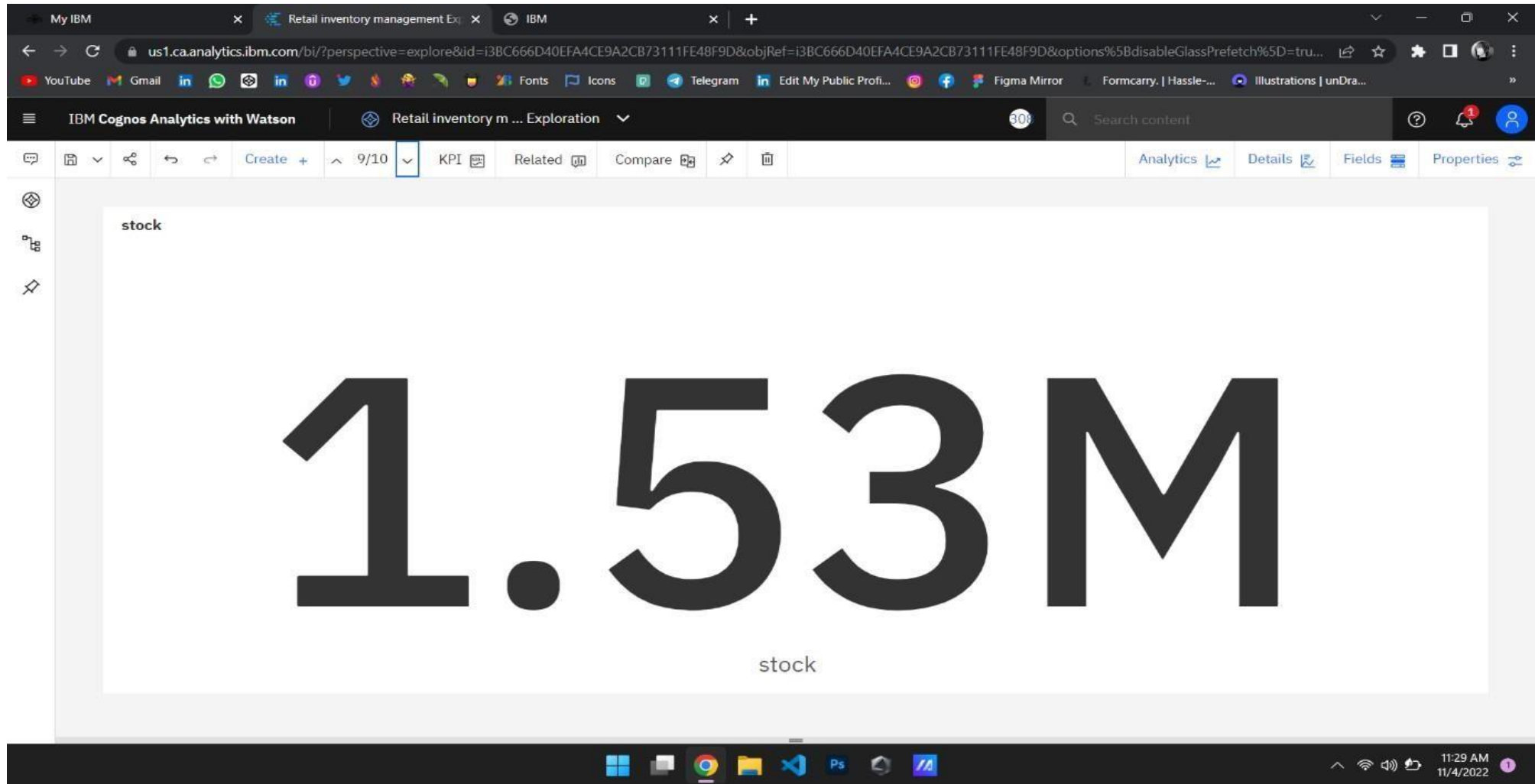
STOCK TREE SUNBURST:



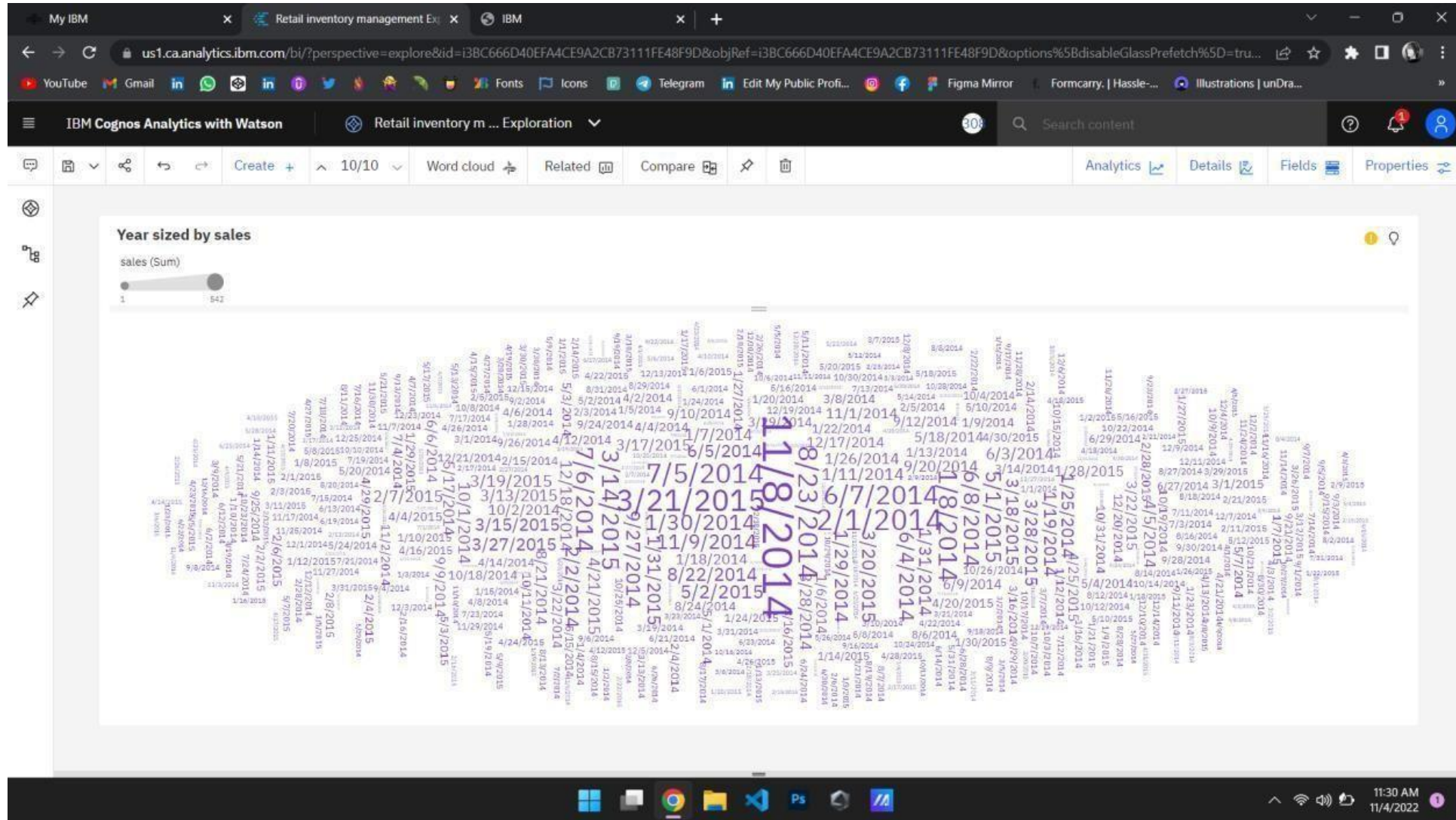
SALES TO PRICE WITH LINE WIDTH PRICE:



STOCK USERS:



YEAR SIZED BY SALES:



PREPARED DATA LINK :

https://us1.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my_folders%2Fproject%2Bdevelopment%2Bphase%2FSprint2%2FRetail%2Binventory%2Bmanagement%2BExploration&subView=model0000018441315c64_00000004