

## Project development phase

### Delivery of sprint-2

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TEAM ID	PNT2022TMID51704
PROJECT NAME	Retail Store Stock Inventory Analytics

## Project development phase

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### Sprint 1:

- \* Data collection
- \* data preparation

### Sprint 3

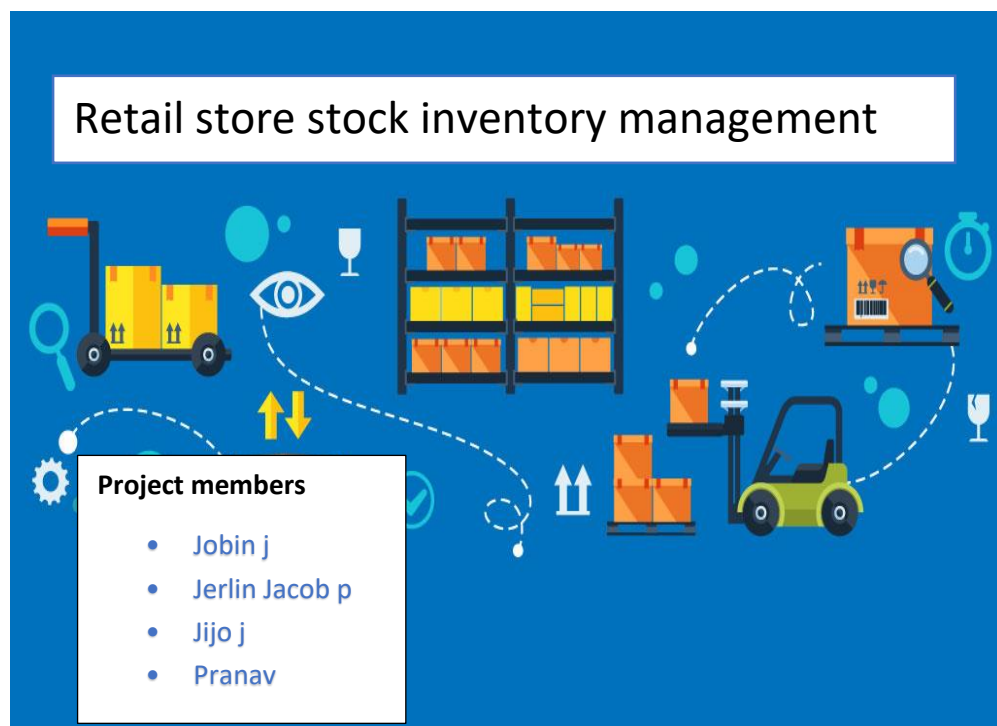
- \* dashboard creation

### Sprint 2:

- Data exploration

### sprint 4:

- \* report creation
- \* story creation



## Sprint-2:

### Data exploration

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- Load the datasets
- Exploration of datasets
- Sales and revenue by year
- Month sales coloured by year
- Stock by year
- Price by year
- Revenue by year
- Stock, price and year
- Stock and price by year
- Price and stocks for month sales
- Sales to year line width stock
- Price by year coloured by year
- Year sized by stock
- Stock analysis
- Prepared datalink

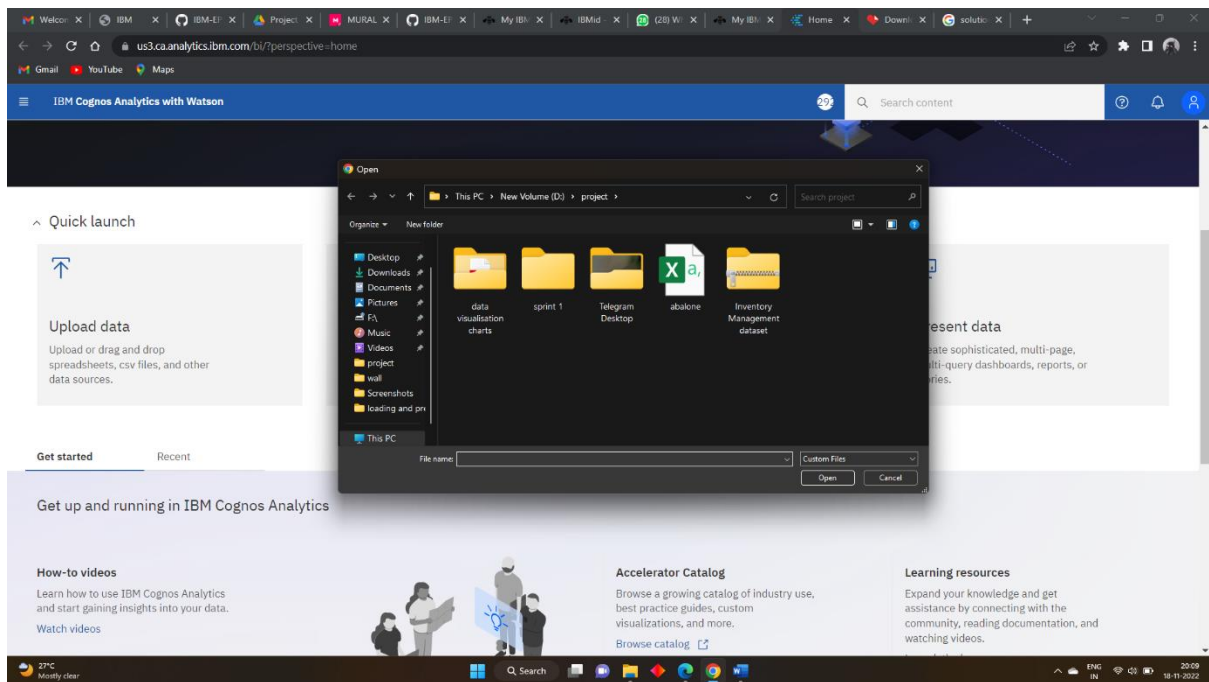
### Data collection

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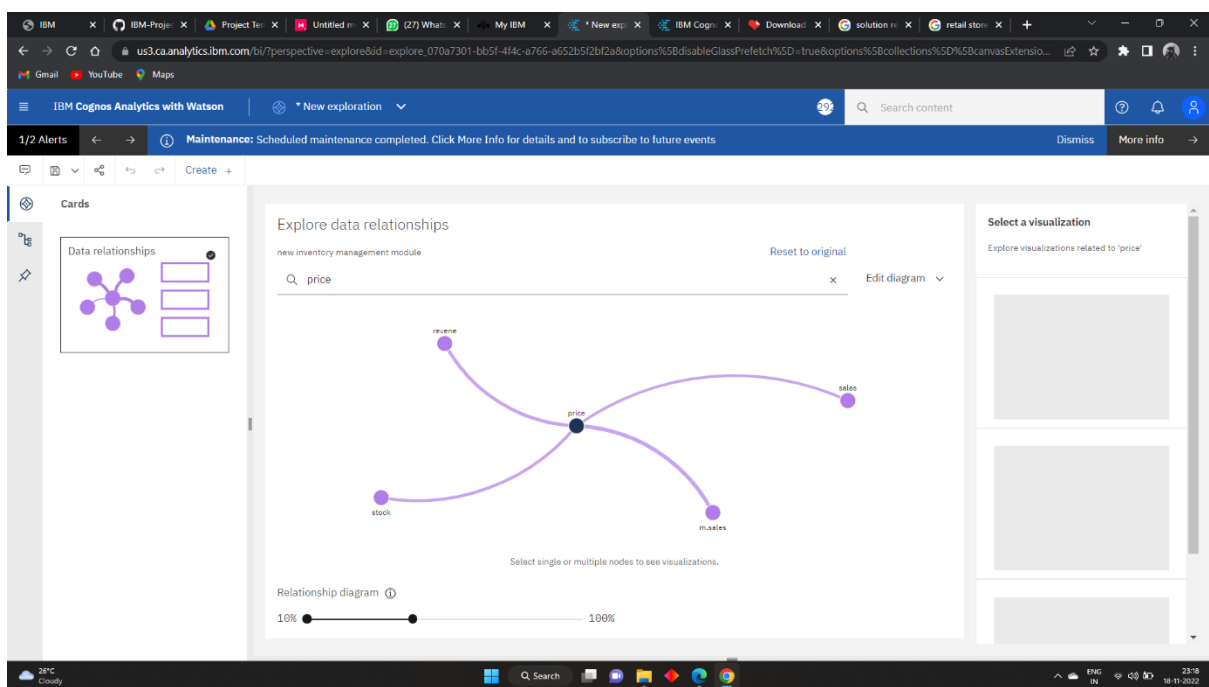
Download the datasets

Link: <https://drive.google.com/drive/folders/1kiL-5CHJmQvbK9VyFsuUs-myAupBZGNy>

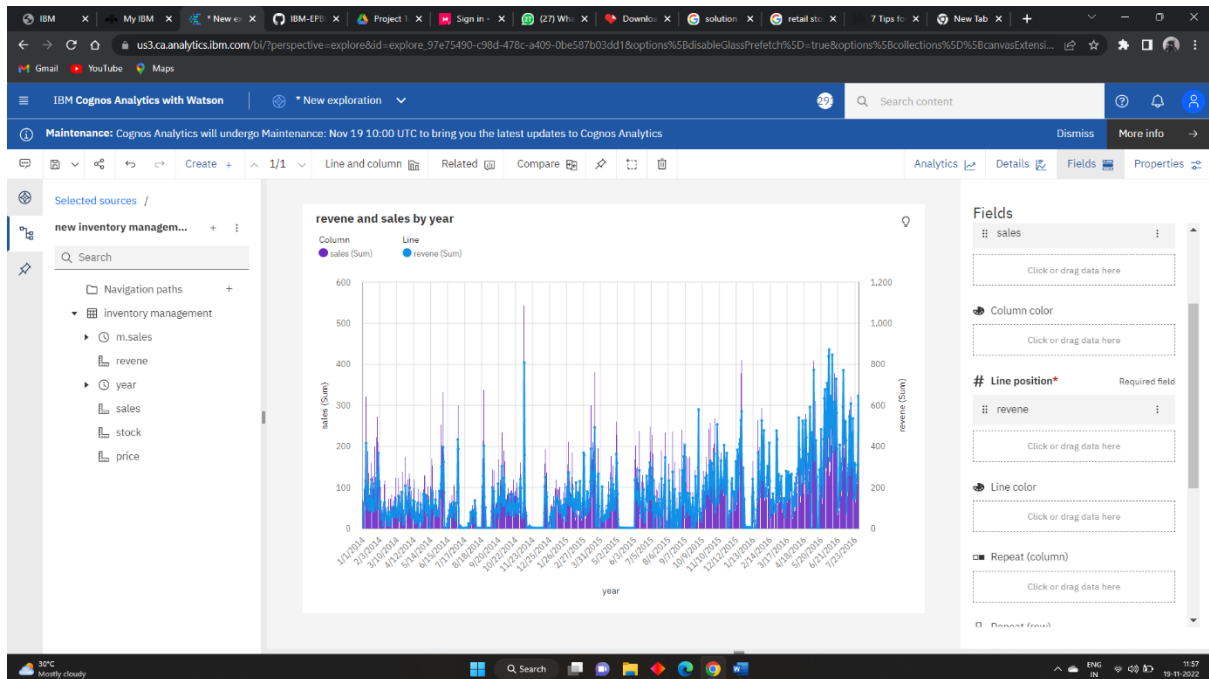
## Load the datasets



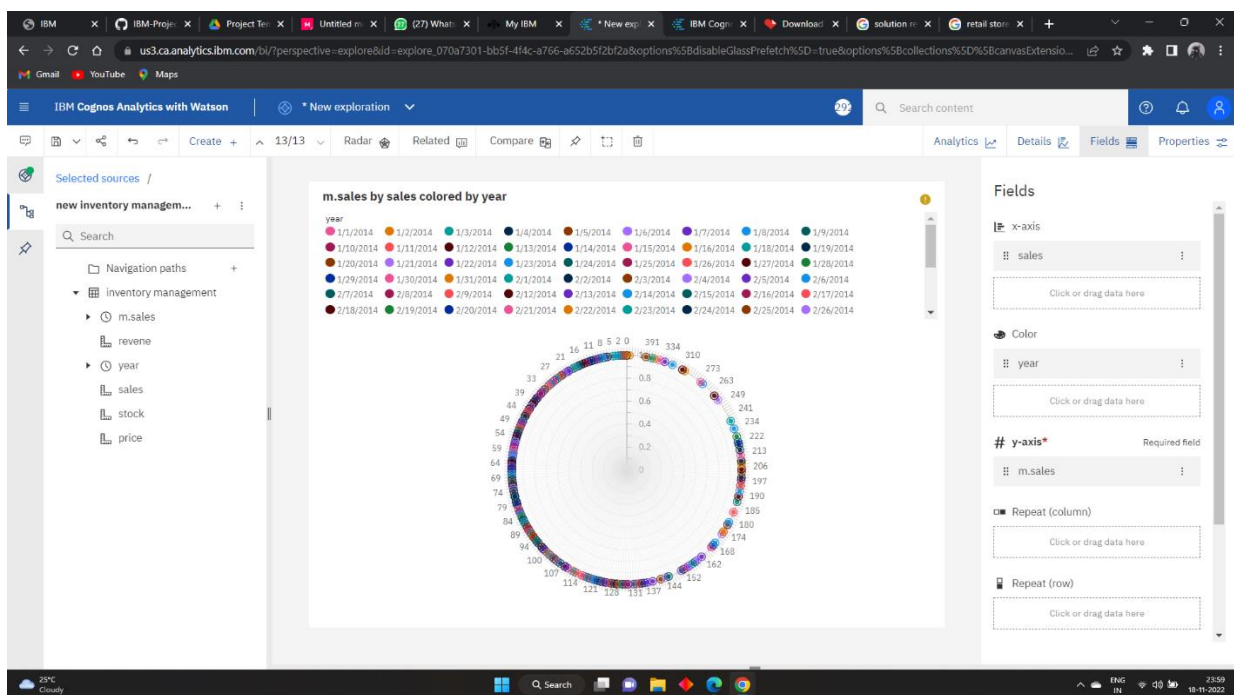
## Exploration of the datasets



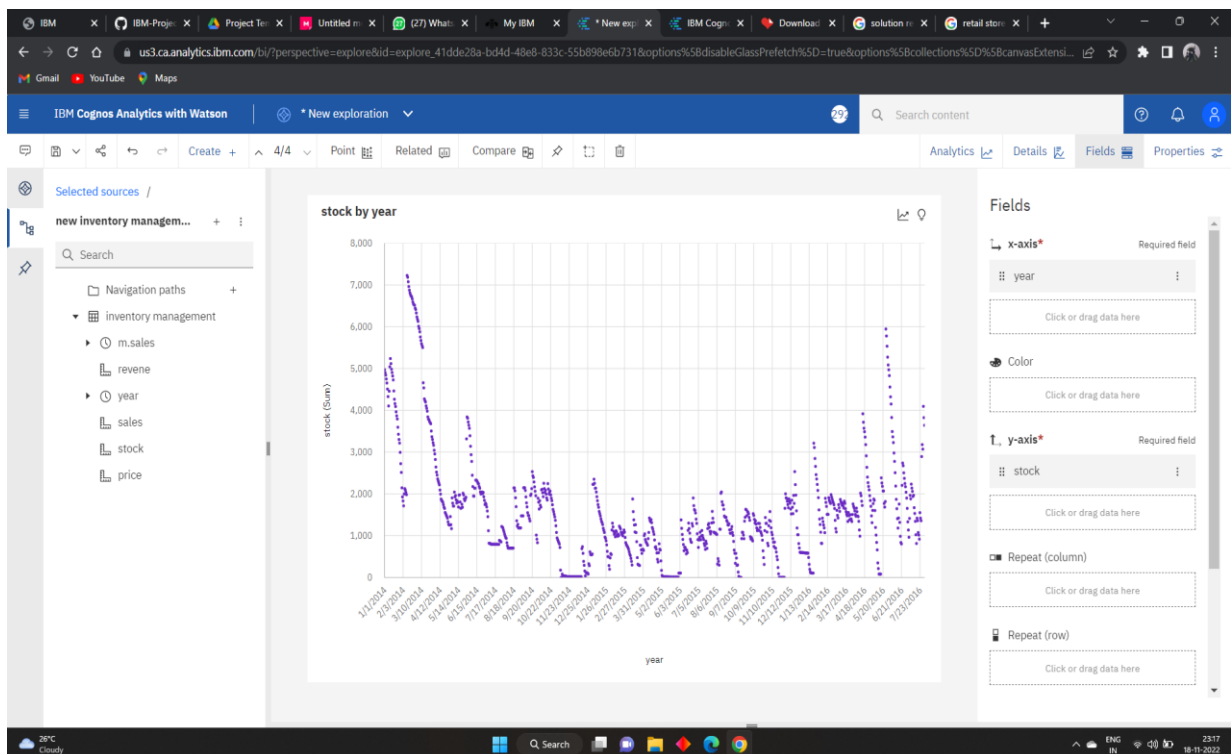
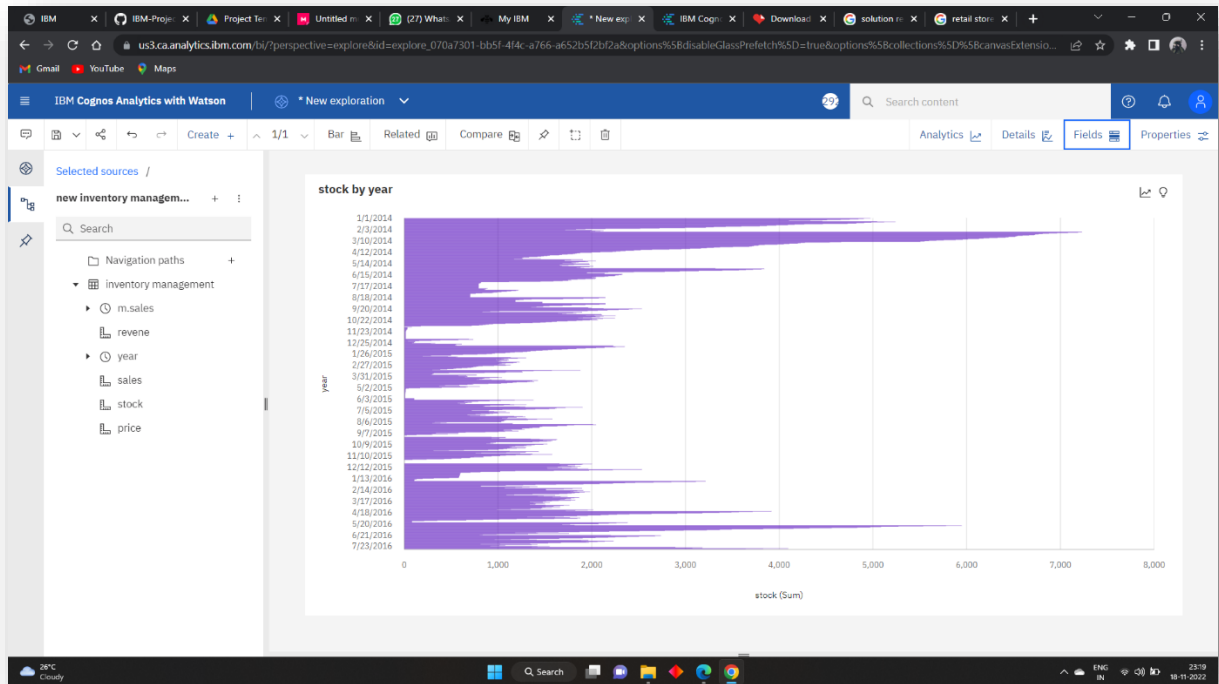
## sales analysis



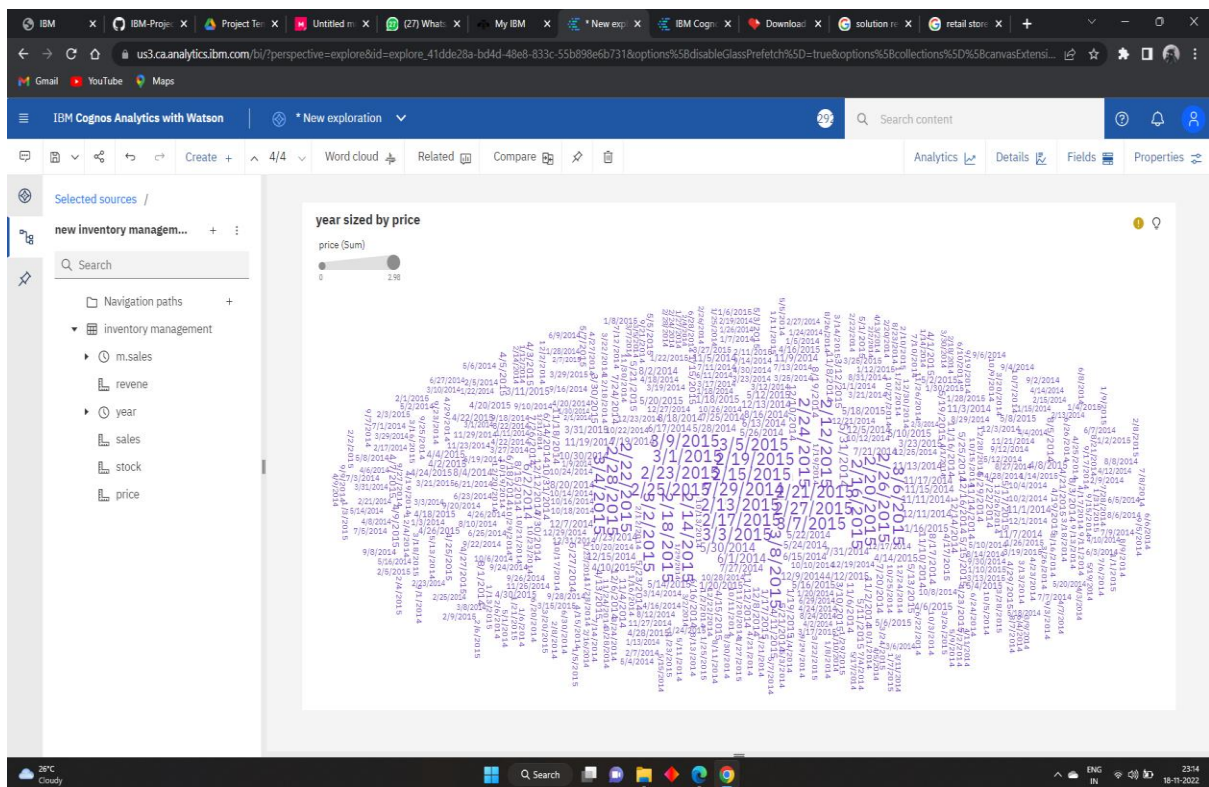
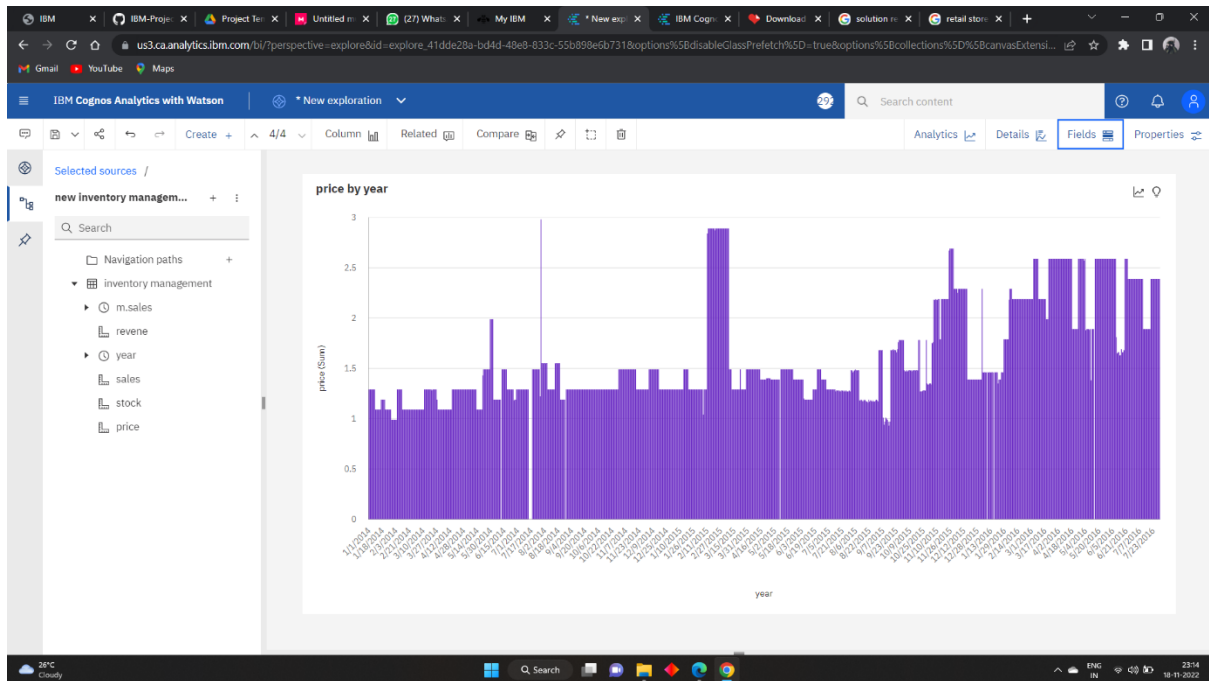
## Month sales by sales coloured by year



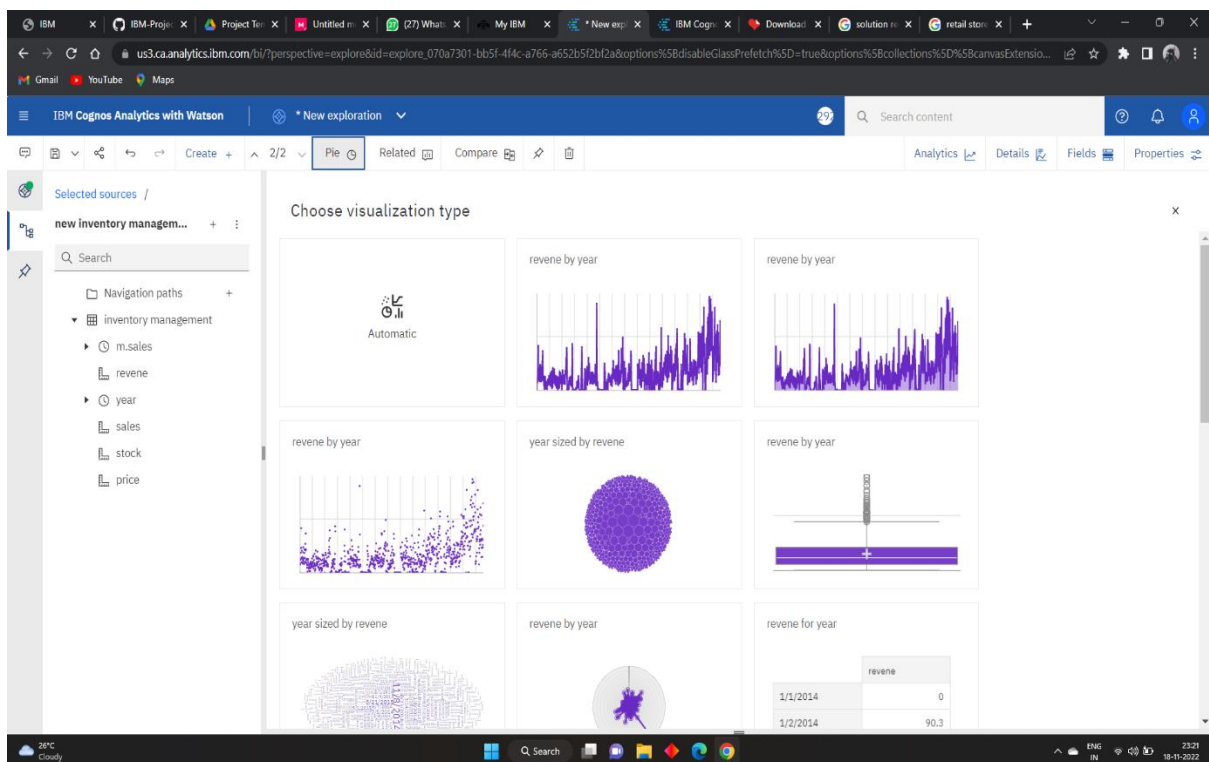
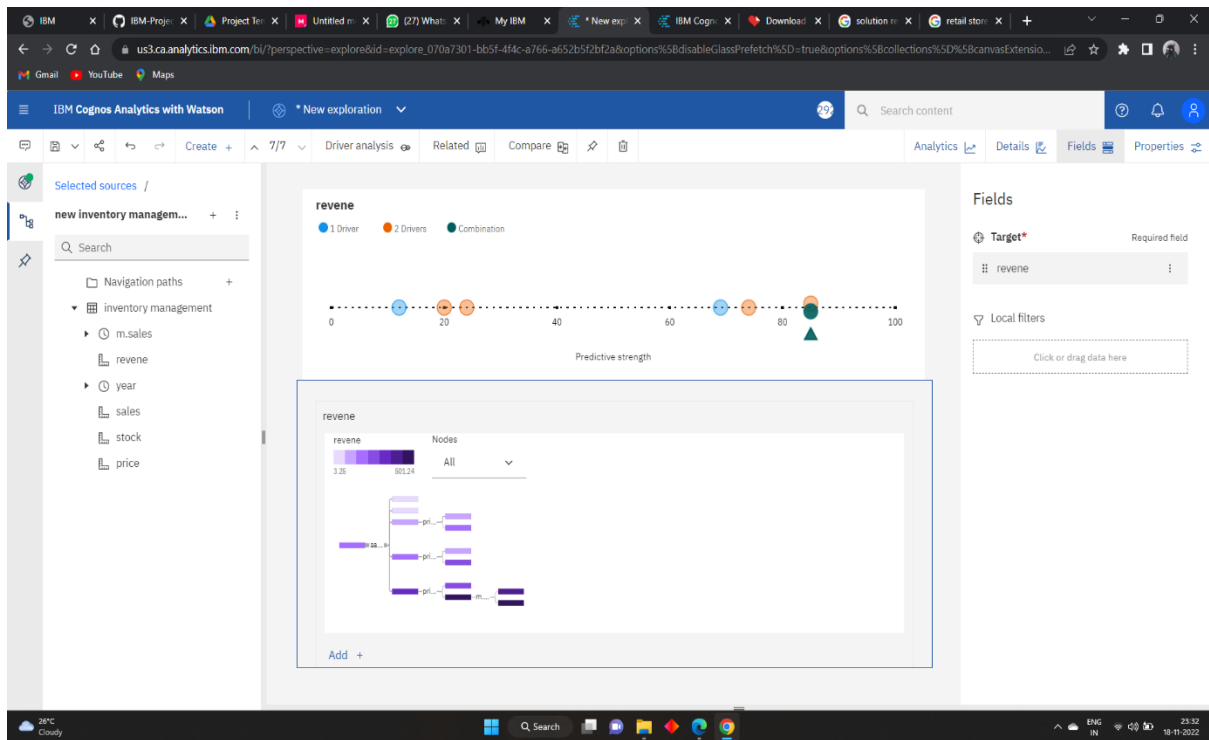
## Stock by year



## Price by year



# Revenue by year



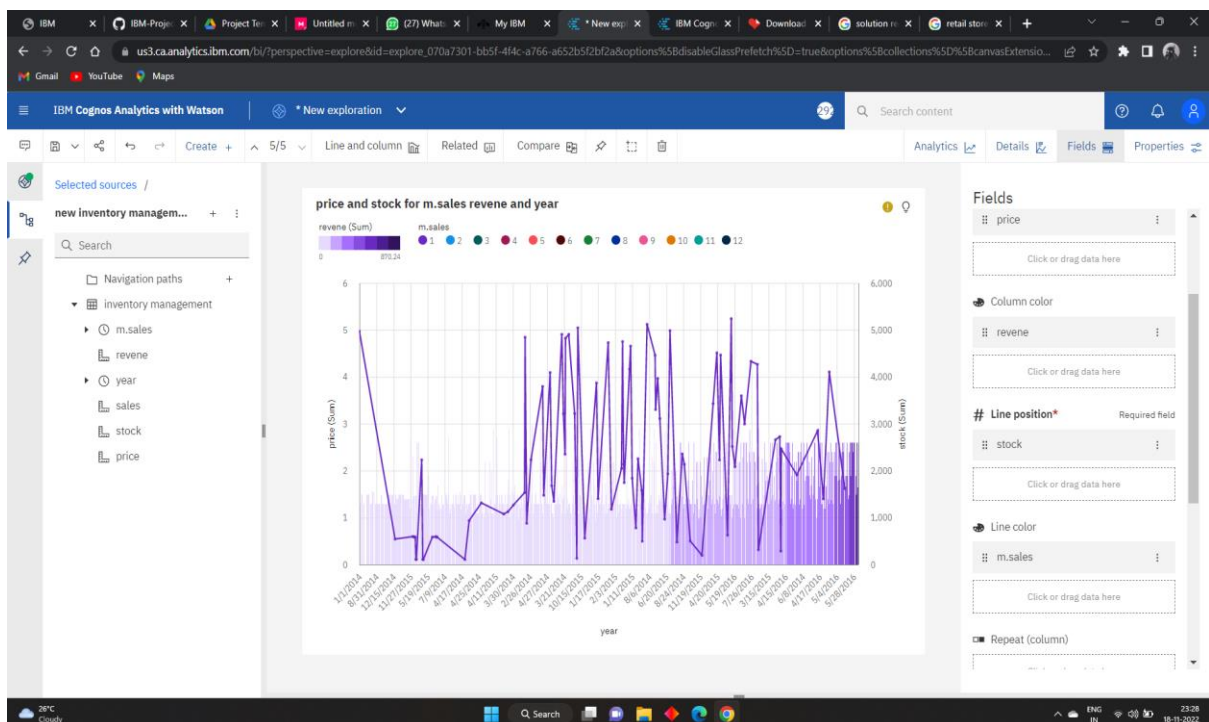


## Stock, price and year

The screenshot shows the IBM Cognos Analytics interface with a table titled "stock, price and year". The table has three columns: "year", "price", and "stock". The data spans from January 1, 2014, to January 16, 2014. The "price" column shows values ranging from 1.09 to 1.29, and the "stock" column shows values ranging from 4,822 to 4,972.

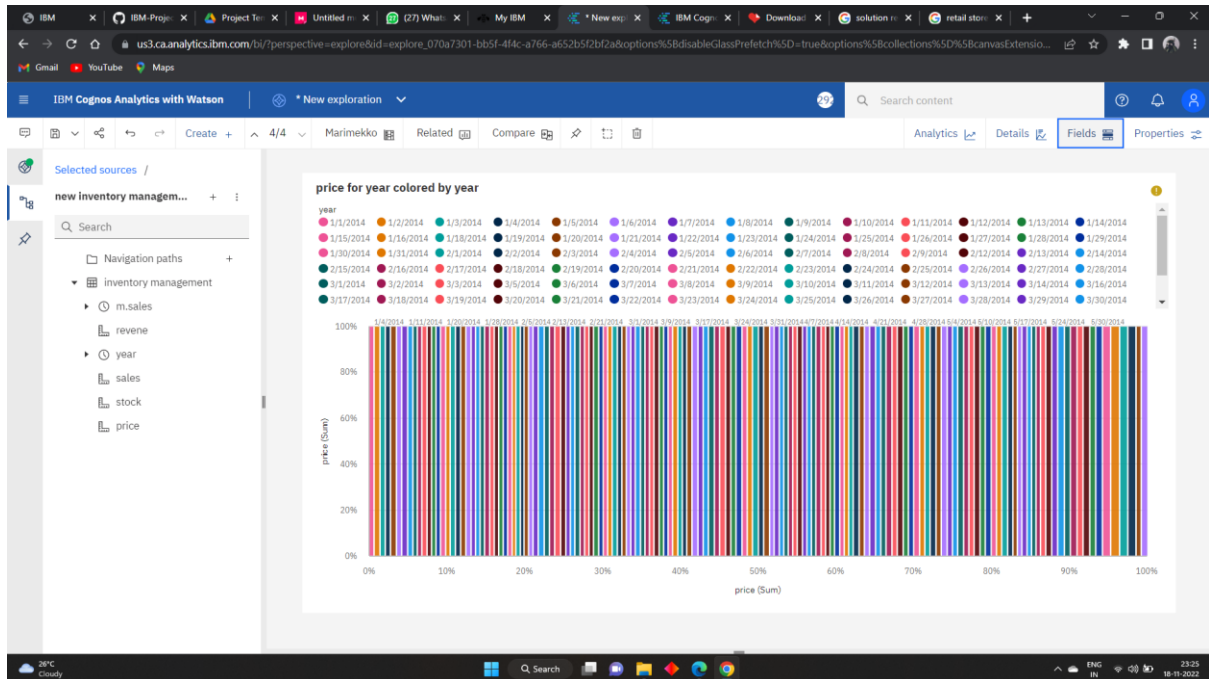
year	price	stock
1/1/2014	1.29	4,972
1/2/2014	1.29	4,902
1/3/2014	1.29	4,843
1/4/2014	1.29	4,750
1/5/2014	1.29	4,654
1/6/2014	1.29	4,509
1/7/2014	1.29	4,329
1/8/2014	1.29	4,104
1/9/2014	1.09	4,459
1/10/2014	1.09	5,043
1/11/2014	1.09	5,239
1/12/2014	1.09	5,118
1/13/2014	1.09	4,964
1/14/2014	1.09	4,904
1/15/2014	1.09	4,822
1/16/2014	1.19	4,728

## Price and stocks for month sales

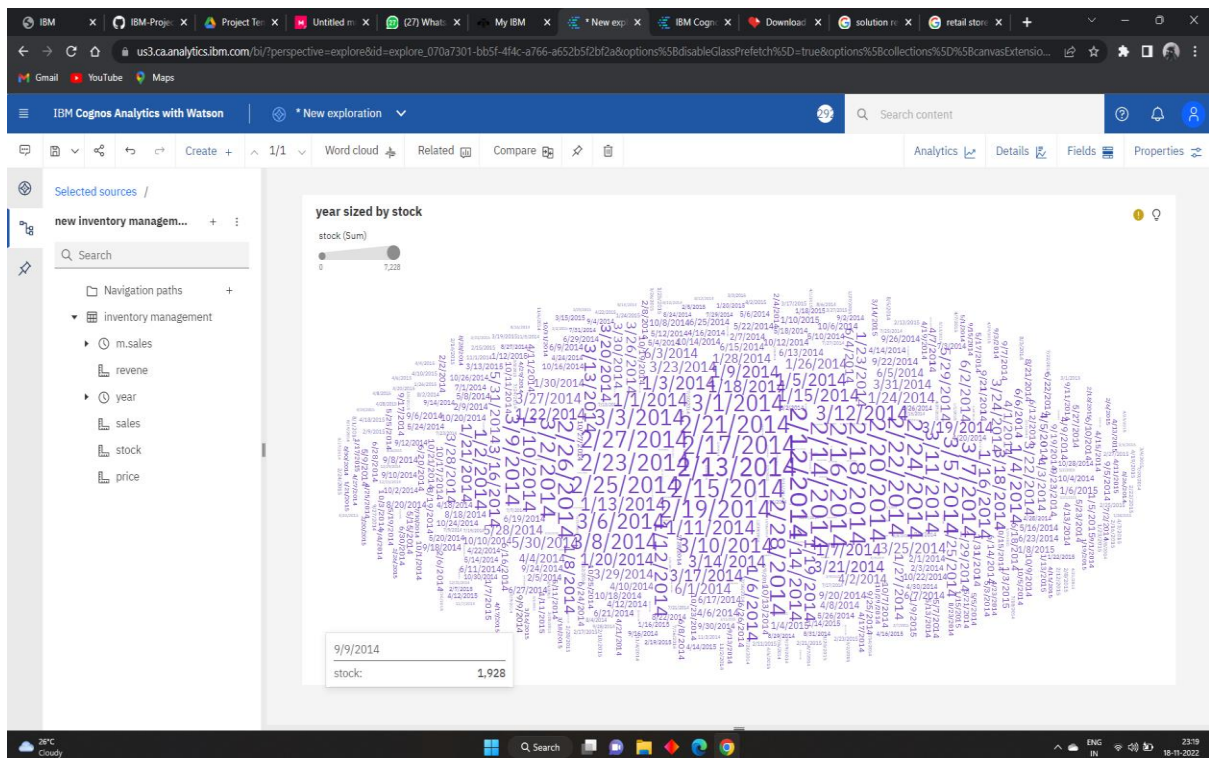




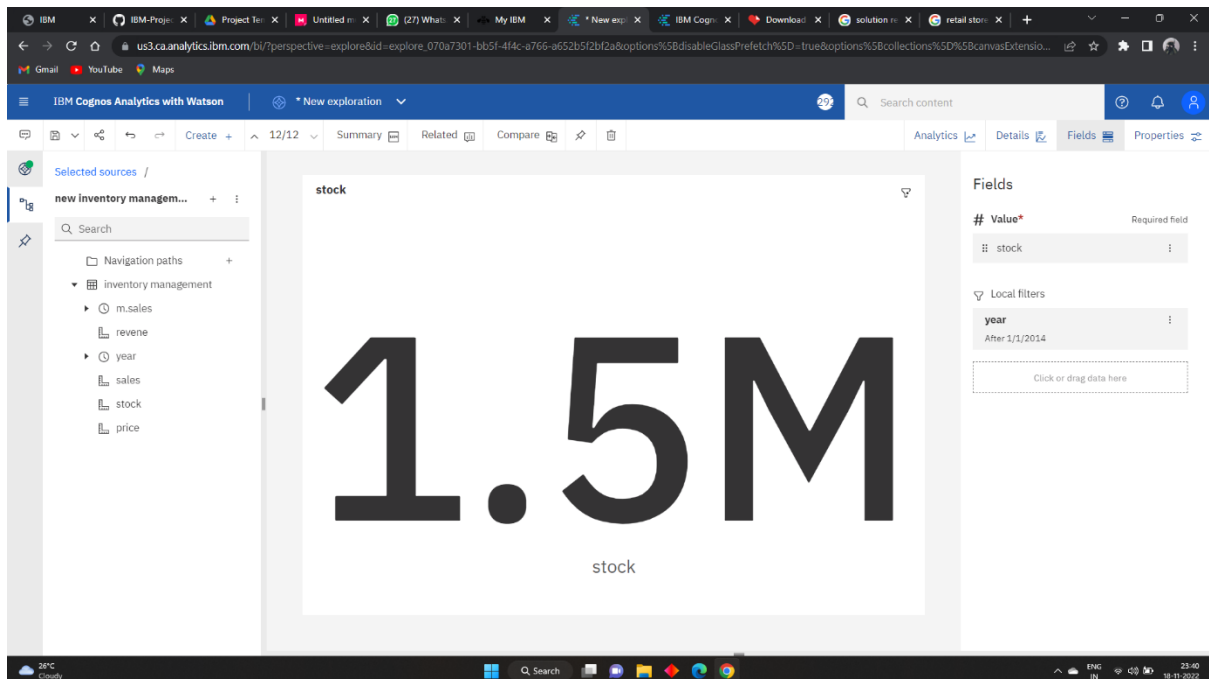
## Price by year coloured by year



## Year sized by stock



## Stock analysis



## Prepared datalink

[https://us3.ca.analytics.ibm.com/bi/?perspective=explore&id=explore\\_97e75490-c98d-478c-a409-0be587b03dd1&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension%5D%5Bid%5D=com.ibm.bi.dashboard.canvasExtension&options%5Bcollections%5D%5BfeatureExtension%5D%5Bid%5Bsize%5D](https://us3.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_97e75490-c98d-478c-a409-0be587b03dd1&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension%5D%5Bid%5D=com.ibm.bi.dashboard.canvasExtension&options%5Bcollections%5D%5BfeatureExtension%5D%5Bid%5Bsize%5D)