

Project Development Phase

Sprint - 4

Team ID	PNT2022TMID16694
Project Name	Retail Store Stock Inventory Analytics

SPRINT – 4

- Report Creation
- Story Creation

Dataset Link:

<https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy>

Understand the Dataset:

The screenshot displays the IBM Project Development Phase interface. The browser window shows the URL careereducation.smartinternz.com/Student/guided_project_workspace/39793. The interface is divided into three main sections: PROJECT DETAILS, TASK & PROGRESS, and MENTOR REVIEW.

PROJECT DETAILS: A vertical list of tasks is shown, with 'Retail Store Stock Inventory Analytics' selected. The tasks include: Solution Requirements, Project Objectives, Project Flow, IBM Cloud, IBM Cognos Analytics Account Creation, Working With The Dataset, Understanding The Dataset (selected), Loading The Dataset, Prepare The Dataset, Data Visualization Charts, Ideation Phase, Project Design Phase - I, and Project Design Phase - II.

TASK & PROGRESS: The 'Understanding The Dataset' task is expanded, showing a duration of 0.5 Hrs and skill tags. Below this, a table displays the dataset information:

Data(Year)	Venda(Sales)	Estoque(Stock)	Preco(Price)
01-01-14	0	4972	1.29
02-01-14	70	4902	1.29
03-01-14	59	4843	1.29
04-01-14	93	4750	1.29

The Windows taskbar at the bottom shows the system clock as 11:06 AM on 10/22/2022.

Prepare the Dataset:

The screenshot shows the IBM Cognos Analytics interface. The left sidebar displays the 'Data module' tree with 'Inventory Module' expanded, showing 'Retail stock...ataset.xlsx' and 'M_Data'. The main area shows a data grid with columns 'Row Id', 'Year', and 'sales'. The grid contains four rows of data:

Row Id	Year	sales
1	1/1/14	0
2	1/2/14	70
3	1/3/14	59
4	1/4/14	63

The right sidebar shows the user profile for SUBASH V (83164e5469...) with options for 'My schedules and subscriptions', 'Log my session', 'About', 'Manage product subscription', 'Privacy', 'Cookie Preferences', 'IBM Cognos Analytics Mobile', and 'Log out'.

Upload the Dataset:

The screenshot shows the IBM Cognos Analytics interface. A green notification bar at the top states 'Retail stock inventory dataset.xlsx was uploaded successfully.' The main area displays a welcome message: 'Hello. Welcome to Cognos Analytics with Watson.' Below the message, there are two buttons: 'Watch video' and 'Take a product tour'. The right sidebar shows the user profile for SUBASH V (83164e5469...) with options for 'My schedules and subscriptions', 'Log my session', 'About', 'Manage product subscription', 'Privacy', 'Cookie Preferences', 'IBM Cognos Analytics Mobile', and 'Log out'.

Below the welcome message, there is a 'Quick launch' section with four tiles:

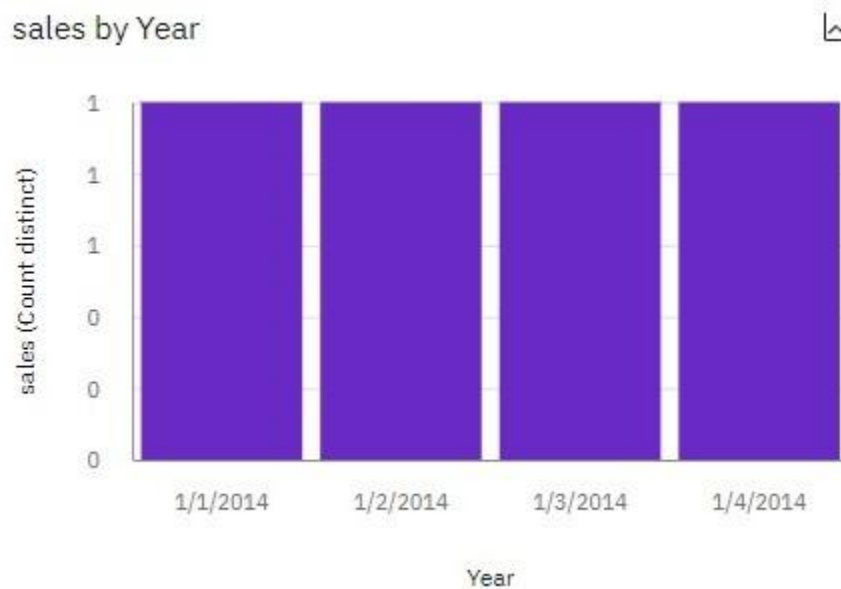
- Upload data**: Upload or drag and drop spreadsheets, csv files, and...
- Prepare data**: Use data modules to clean and connect data from...
- Exploration**: Quickly find unbiased answers by identifying trends...
- Present data**: Create sophisticated, multilingual, multi-view...

Report Creation:

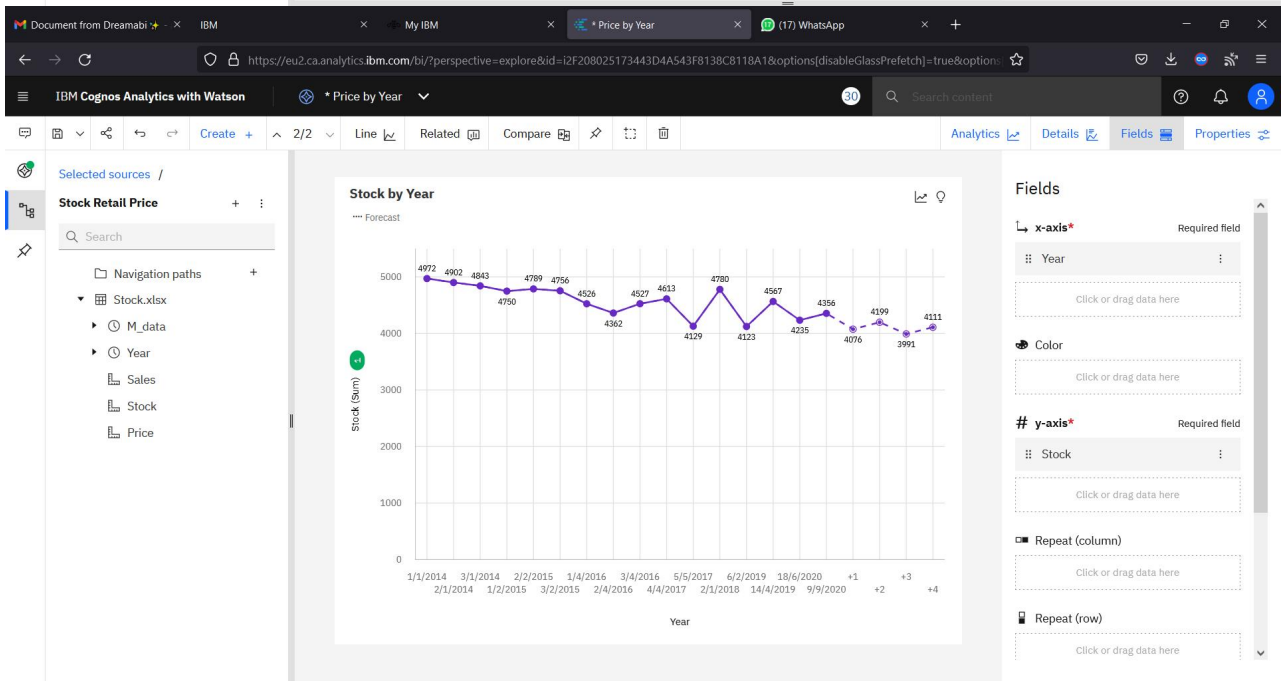
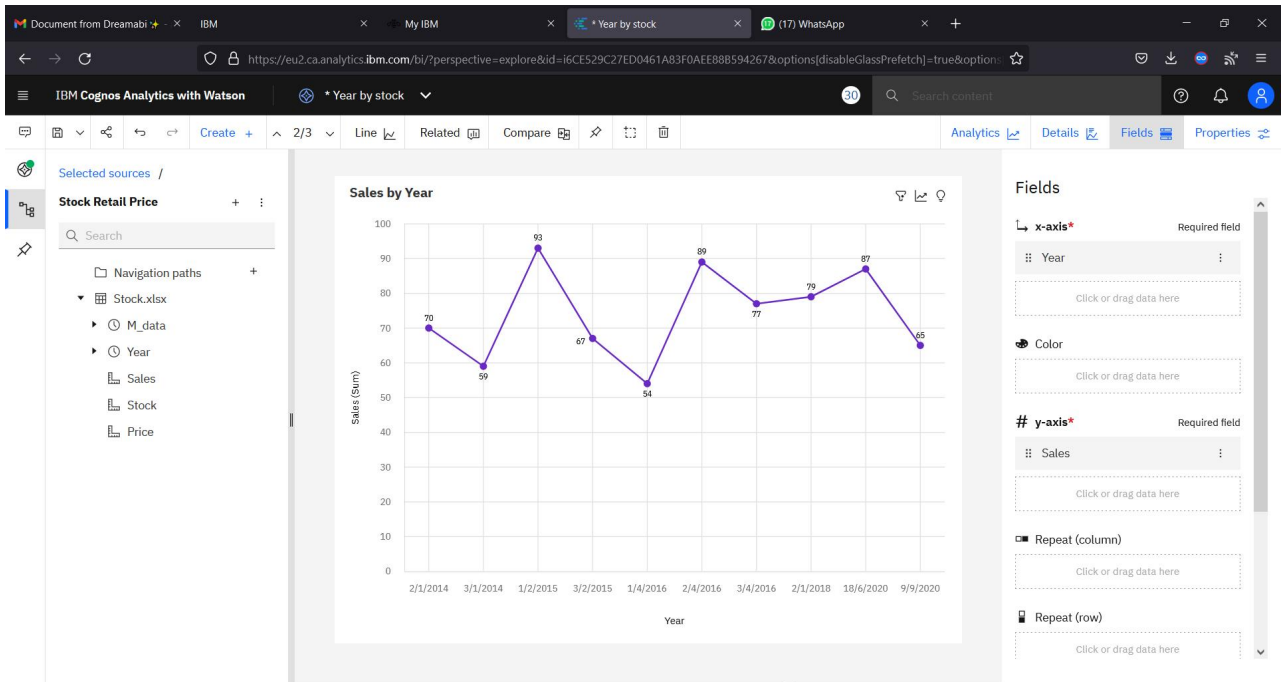
Report 1:



sales by Year



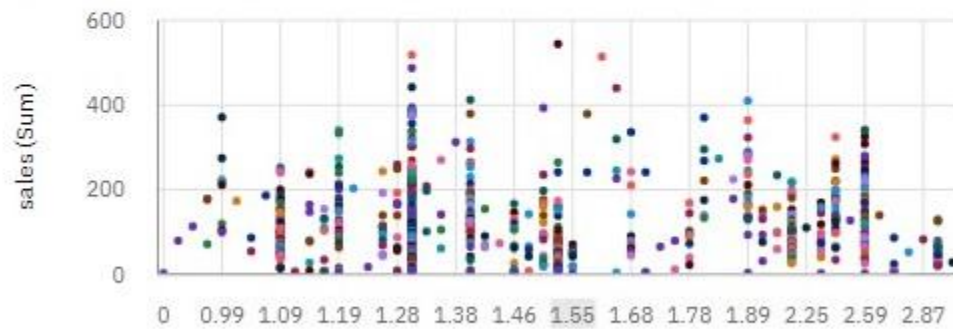
Report 2:



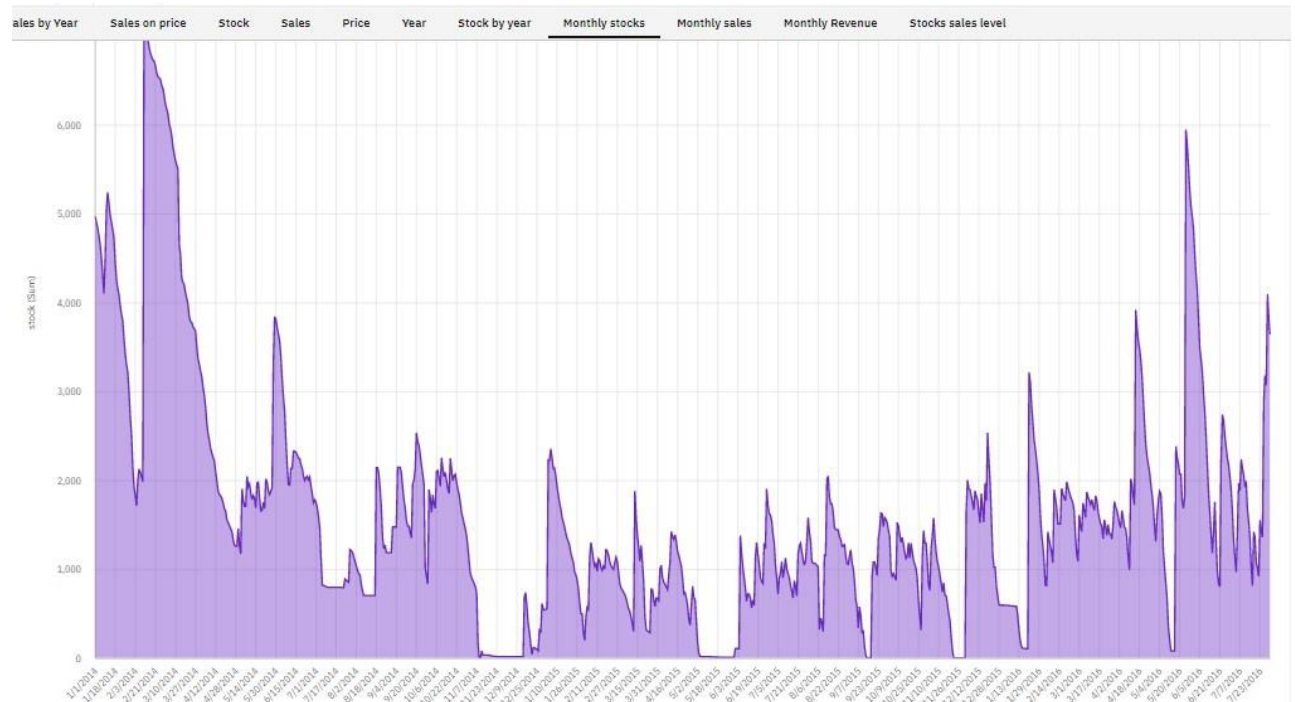
Report 3:

Sales based on price

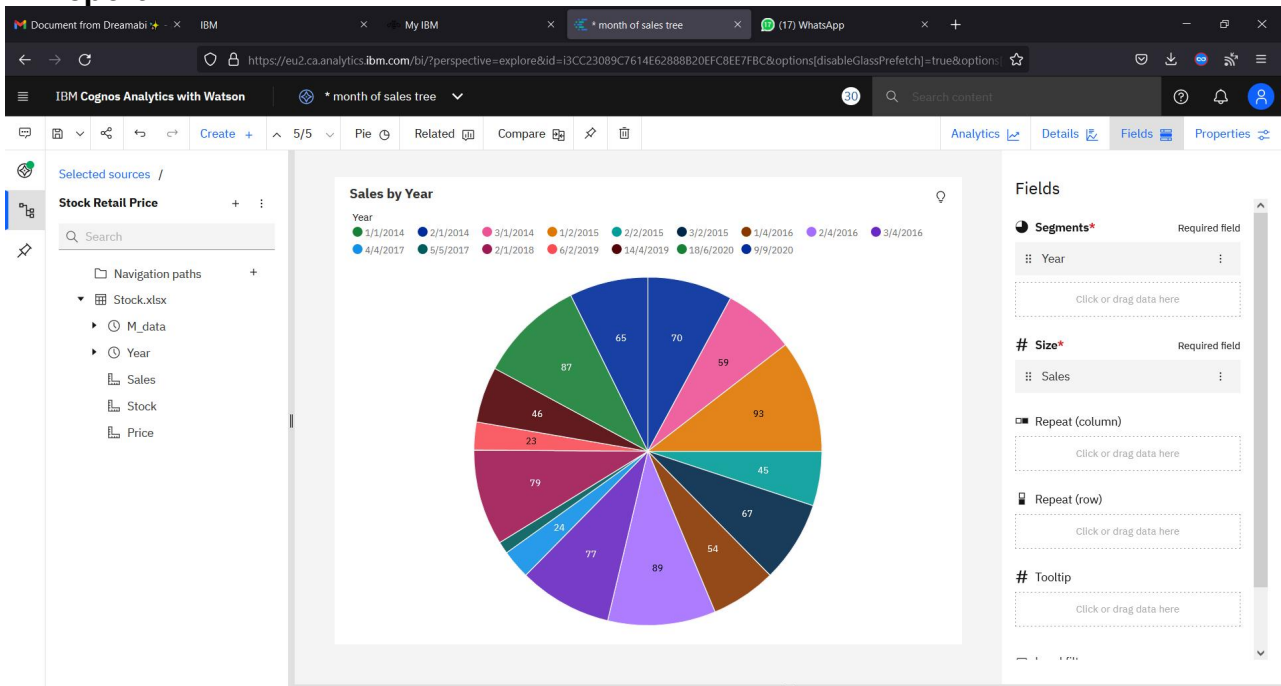
sales



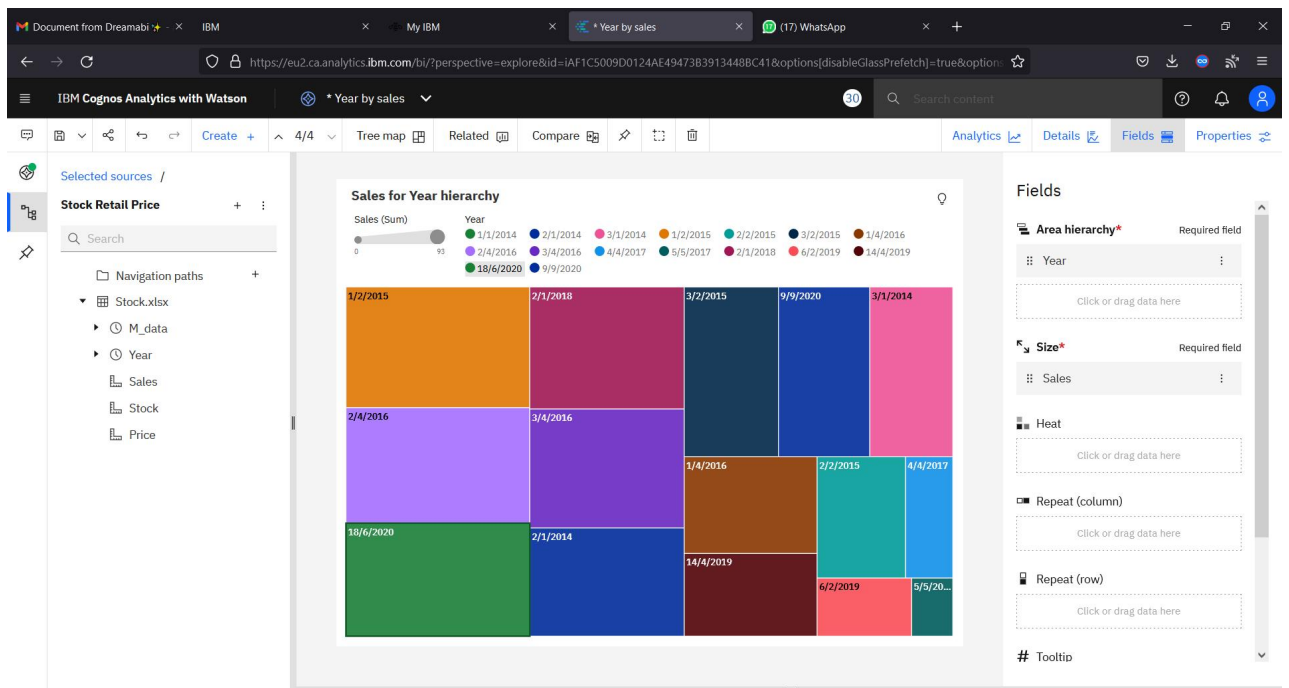
price



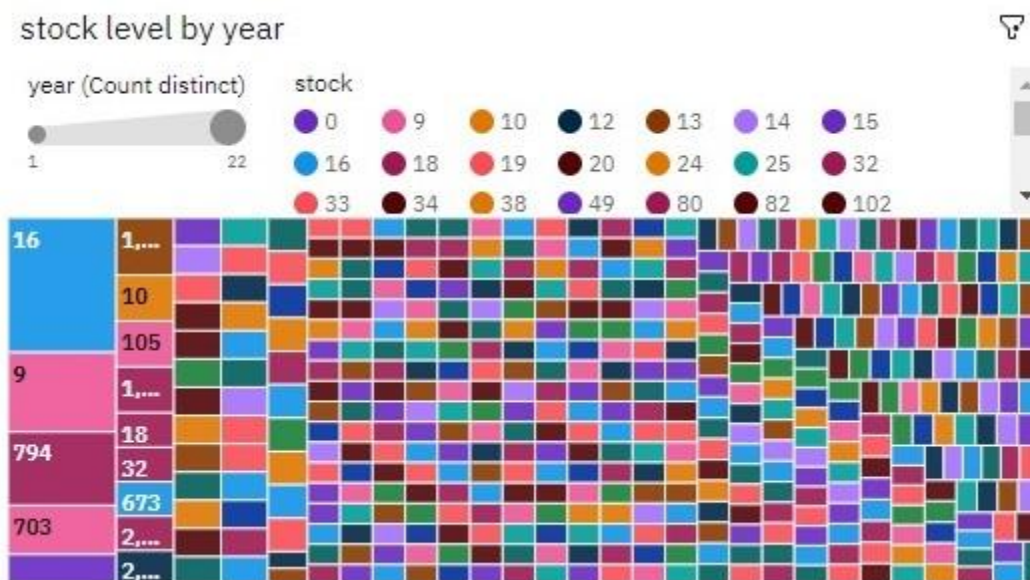
Report 4:



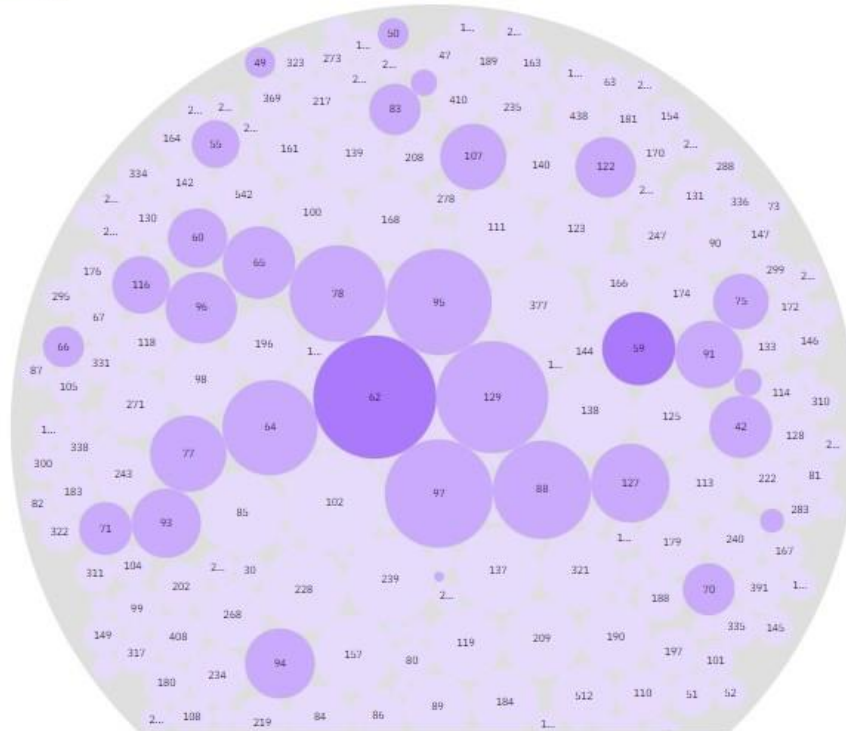
Report 5:



Report 6:



Report 7:



Prepared data:

https://us3.ca.analytics.ibm.com/bi/?perspective=camodeller&id=3343241405_58ac1c4b515045629c187366156f0e39_sessionTemp&objRef=&tid=3343

[241405_58ac1c4b515045629c187366156f0e39_sessionTemp](https://us3.ca.analytics.ibm.com/bi/?perspective=camodeller&id=3343241405_58ac1c4b515045629c187366156f0e39_sessionTemp&objRef=&tid=3343)