

## Project Development Phase

### Delivery of Sprint-2

Team ID	PNT2022TMID04960
Project Title	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

#### SPRINT-2:

##### DATA EXPLORATION

- Load the Dataset
- Sales Compared to profit by sales
- Region compared to sales by sub category coloured by year
- Sales compared to profit by region & Sales compared to profit by month

- Region compared to sales by sub category coloured by category
- Stock by year
- Stock by month & Stock by category
- Profit by month coloured by month & Profit by year coloured by month
- Year hierarchy coloured by discount and sized by profit
- Year hierarchy coloured by month and sized by profit
- Sales, Profit, Stock

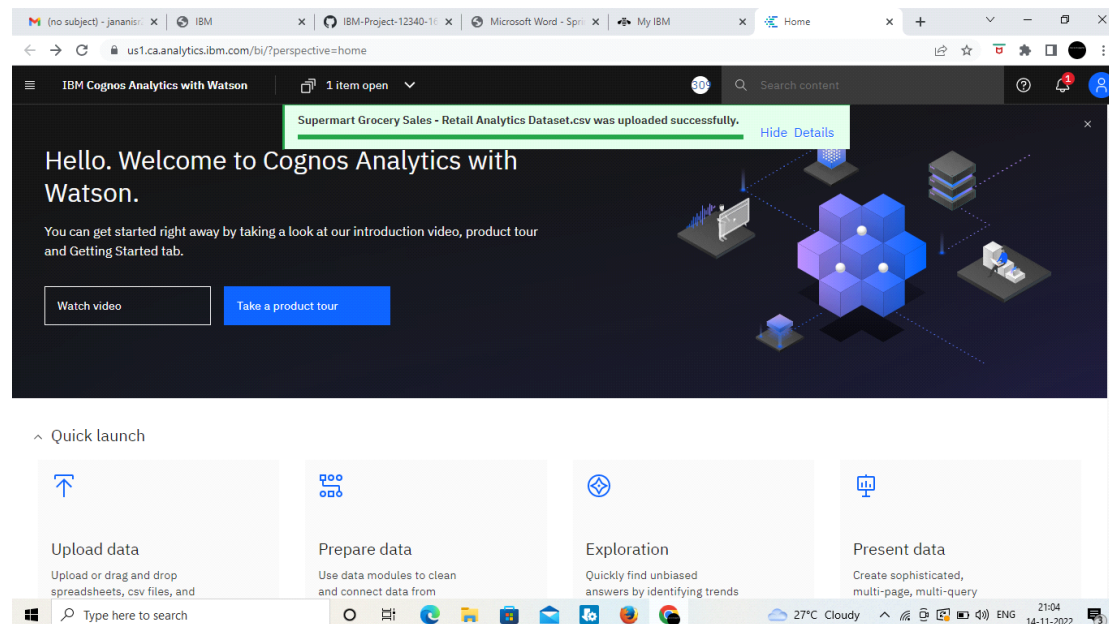
## DATA COLLECTION:

### Download the Dataset -Dataset Link:

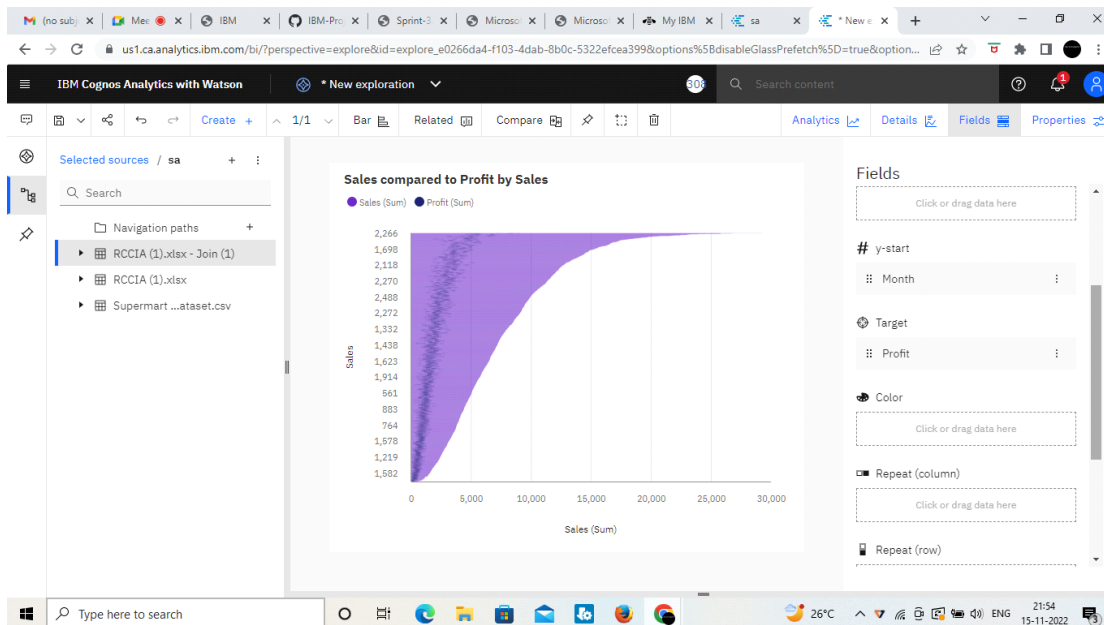
<https://drive.google.com/file/d/1nQ7bn1iO1e97s9HF9TZAYBv5IGQgLrZ5/view?usp=drivesdk>

## LOAD THE DATASET:

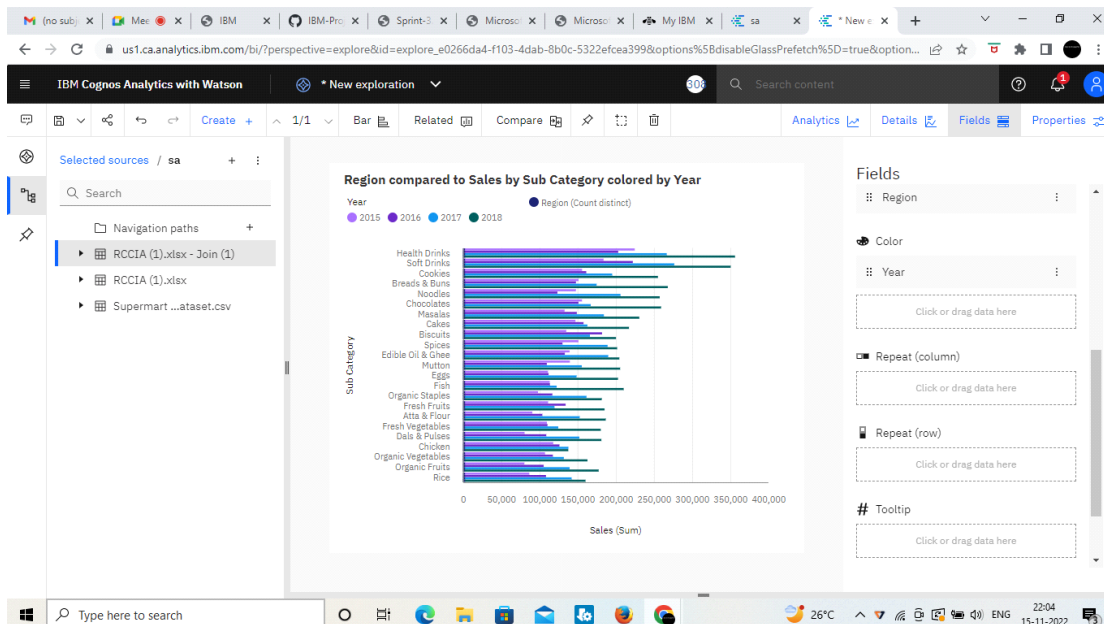
### Tool used - IBM Cognos



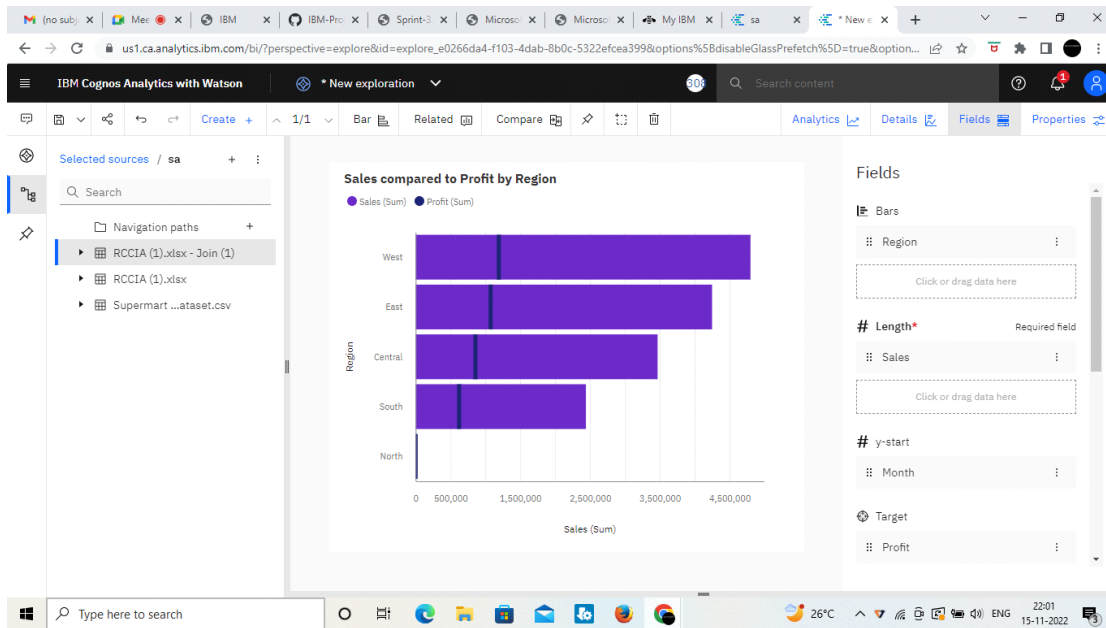
## Sales Compared to profit by sales:



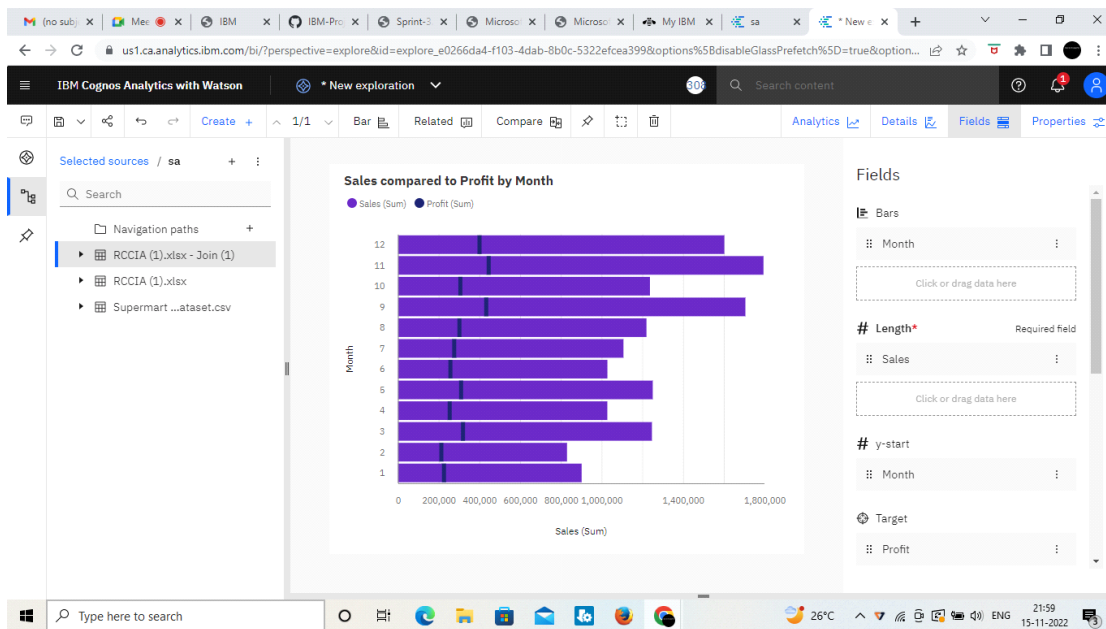
## Region compared to sales by sub category coloured by year:



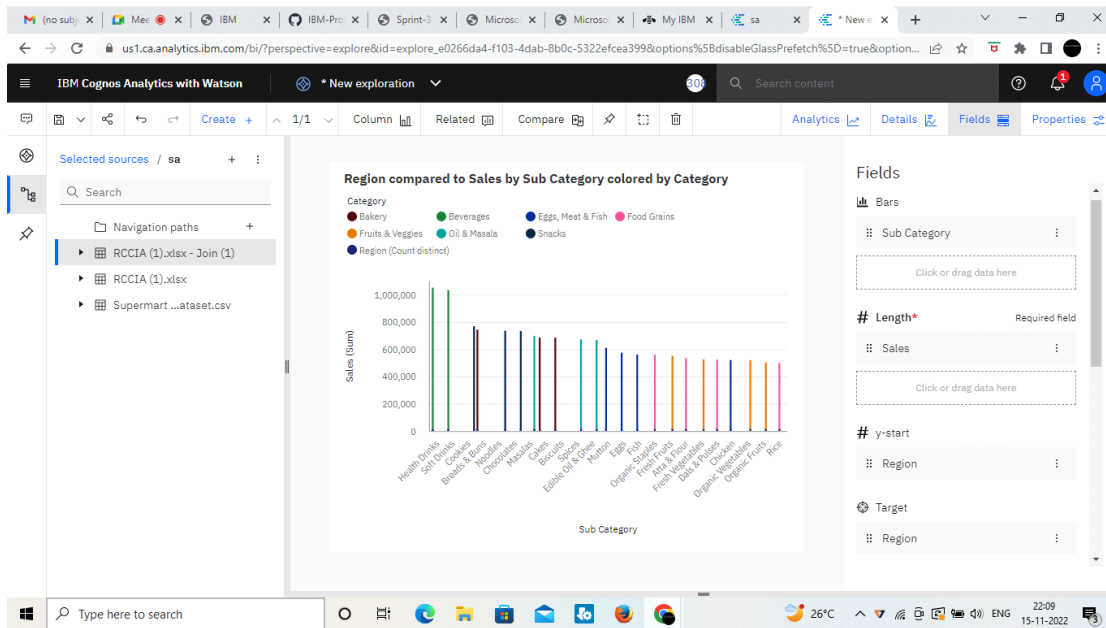
## Sales compared to profit by region:



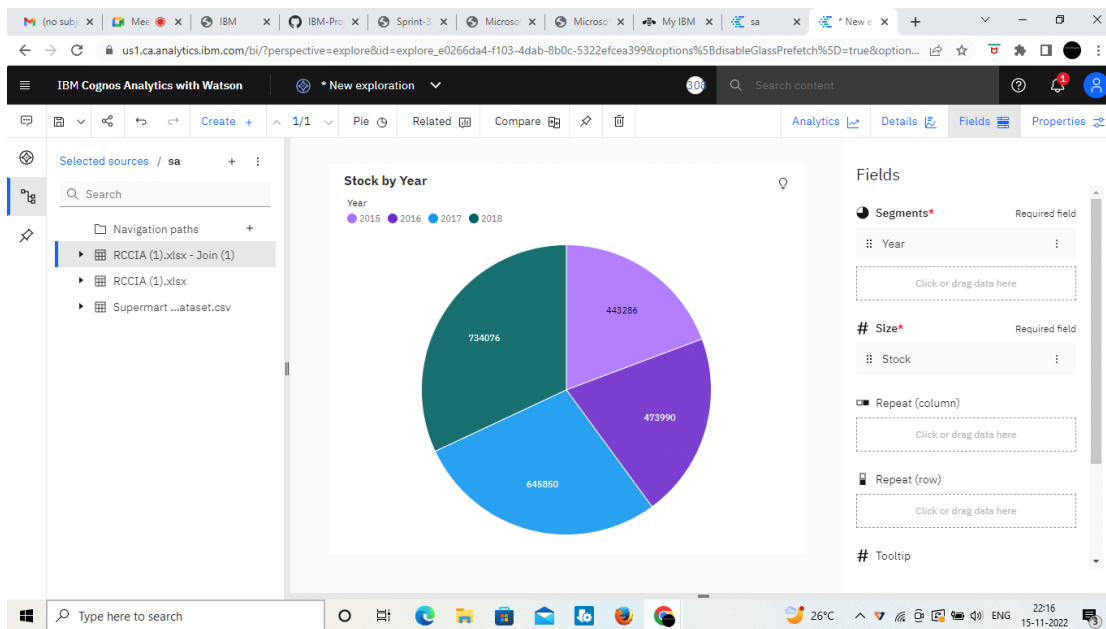
## Sales compared to profit by month:



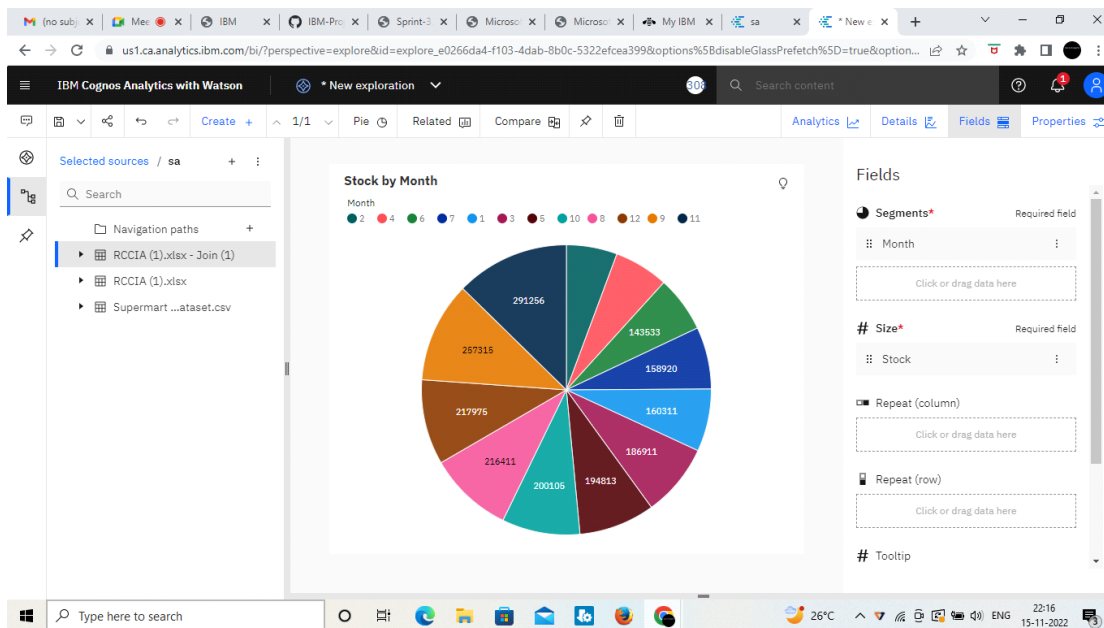
## Region compared to sales by sub category coloured by category:



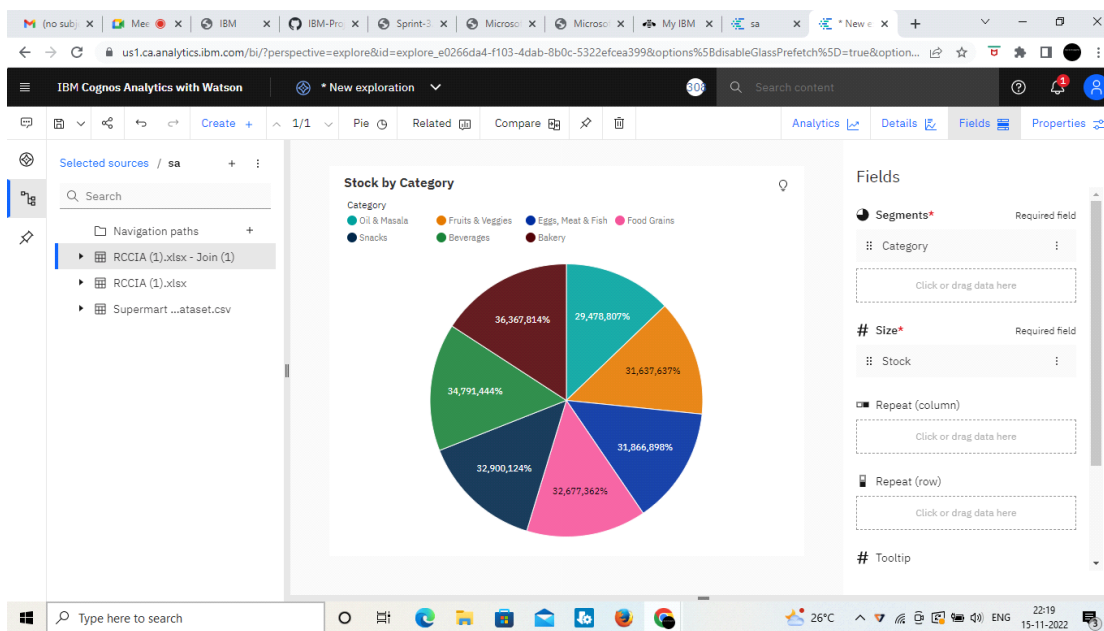
## Stock by year:

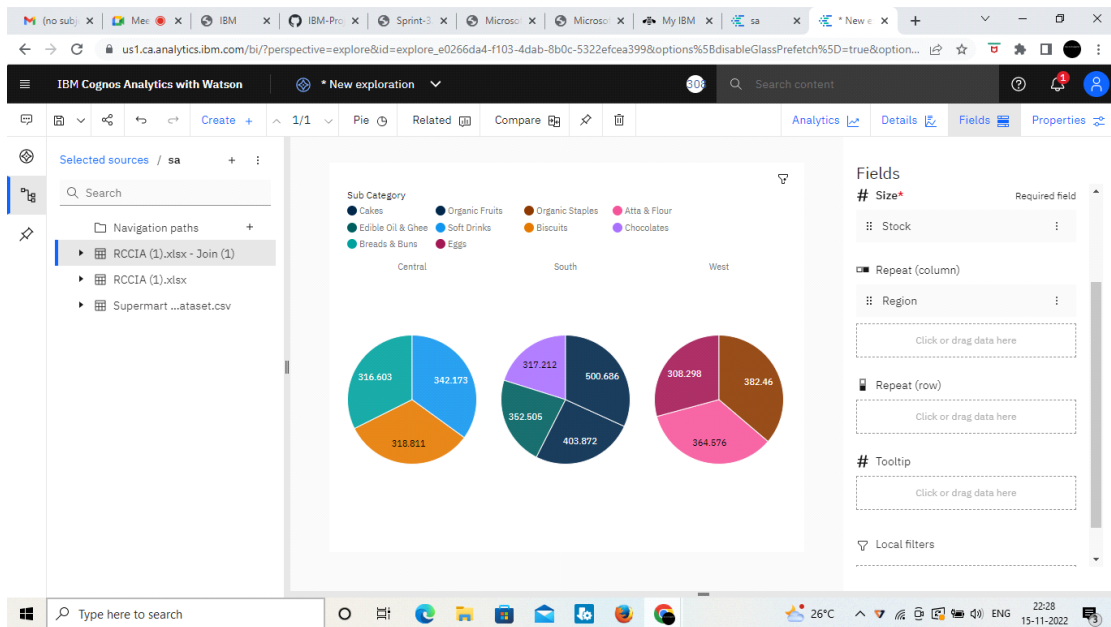
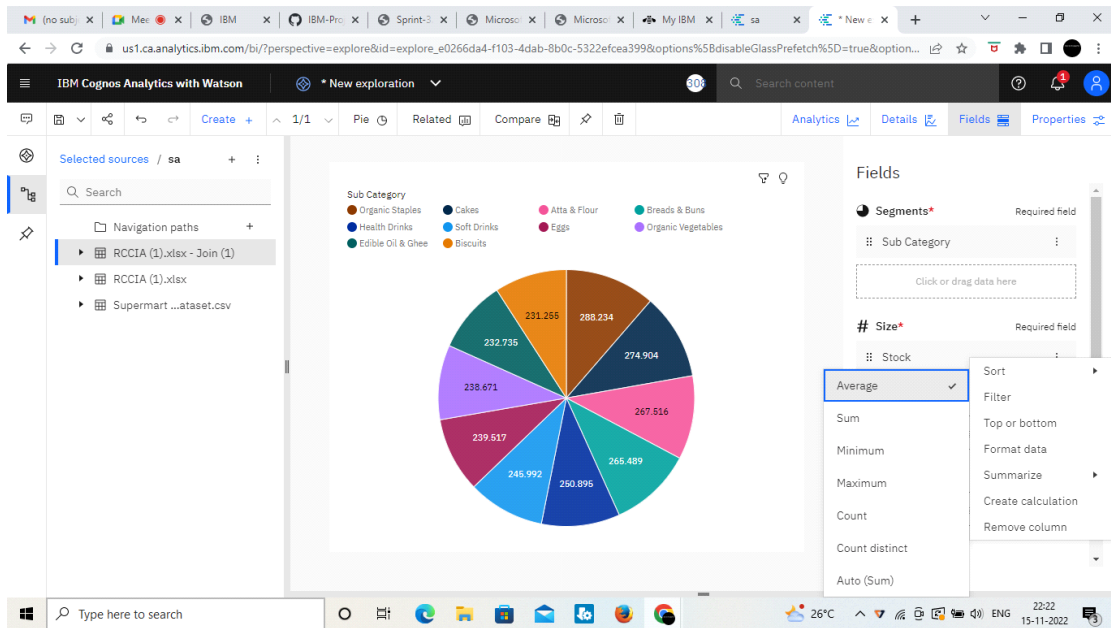


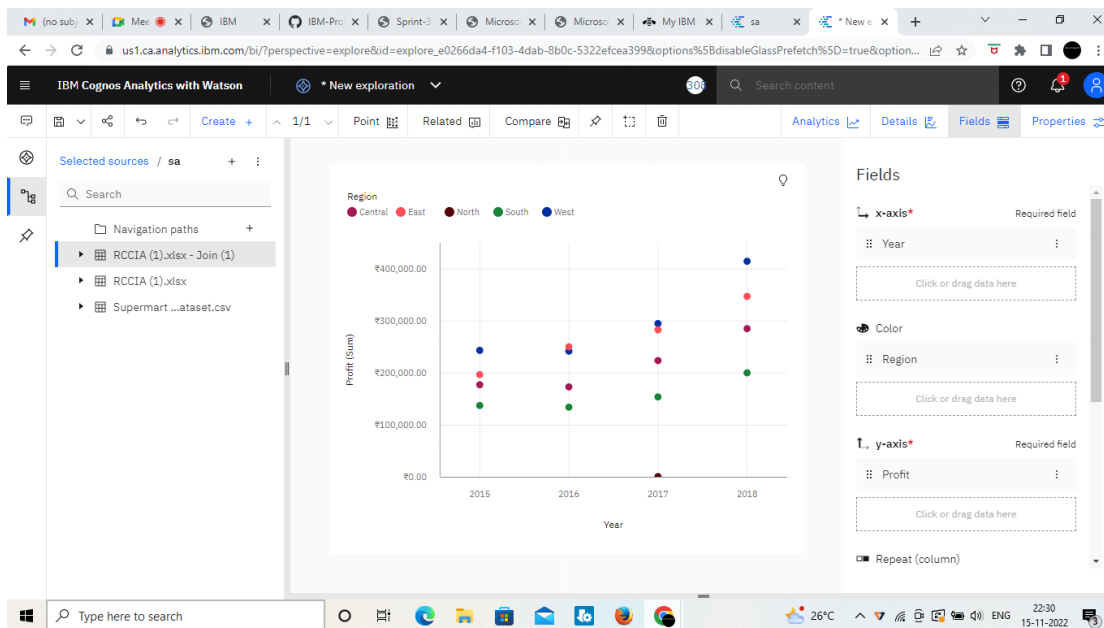
## Stock by month:



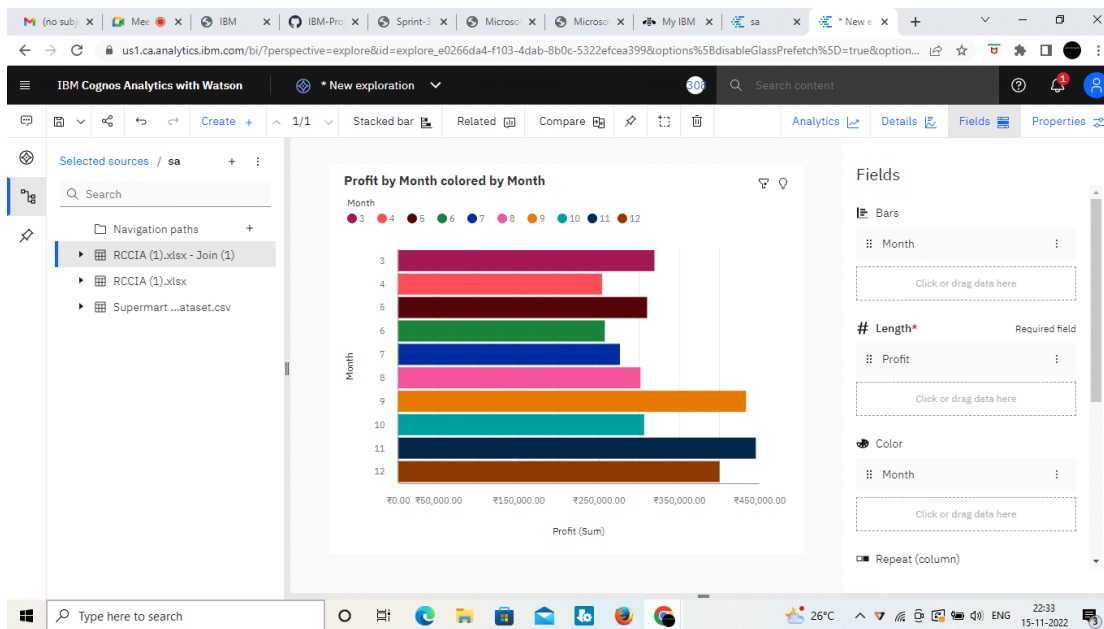
## Stock by category:





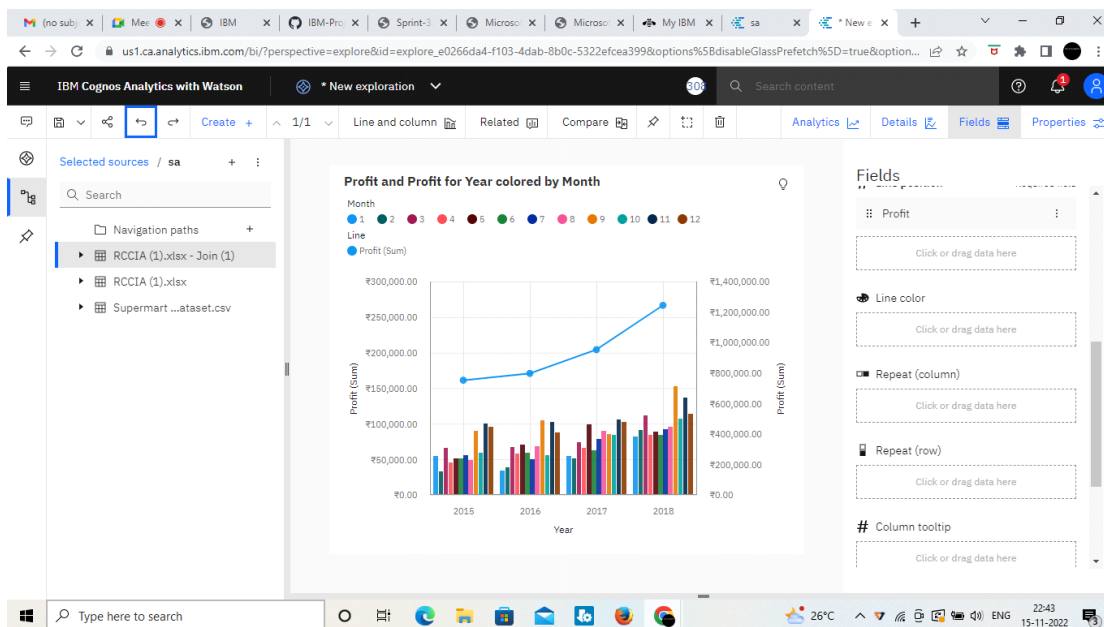
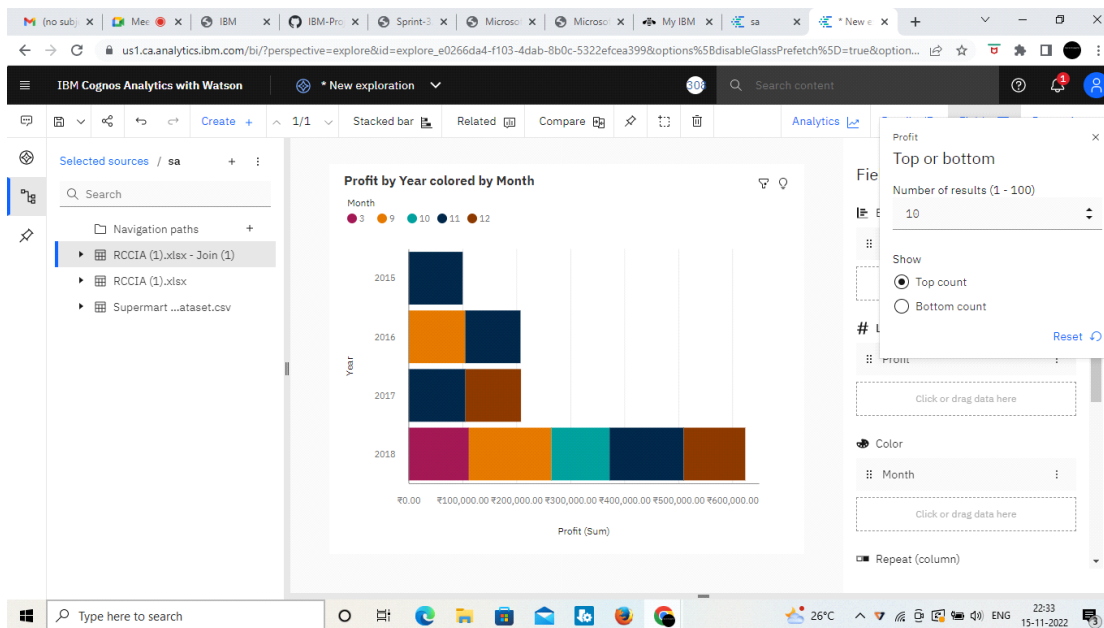


## Profit by month coloured by month:

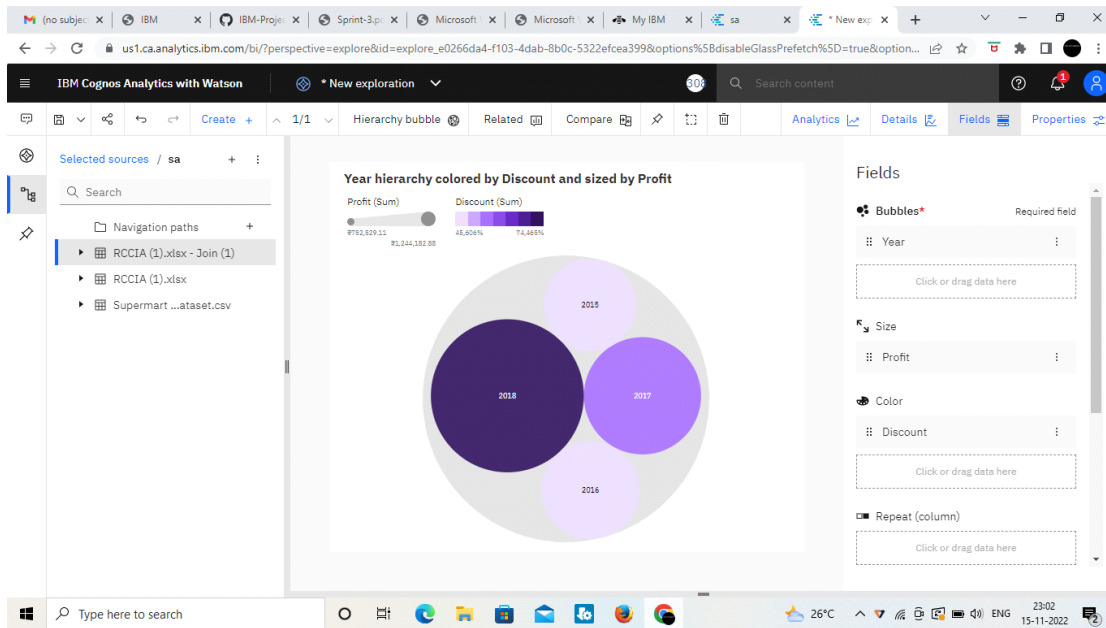


## Profit by year coloured by month:

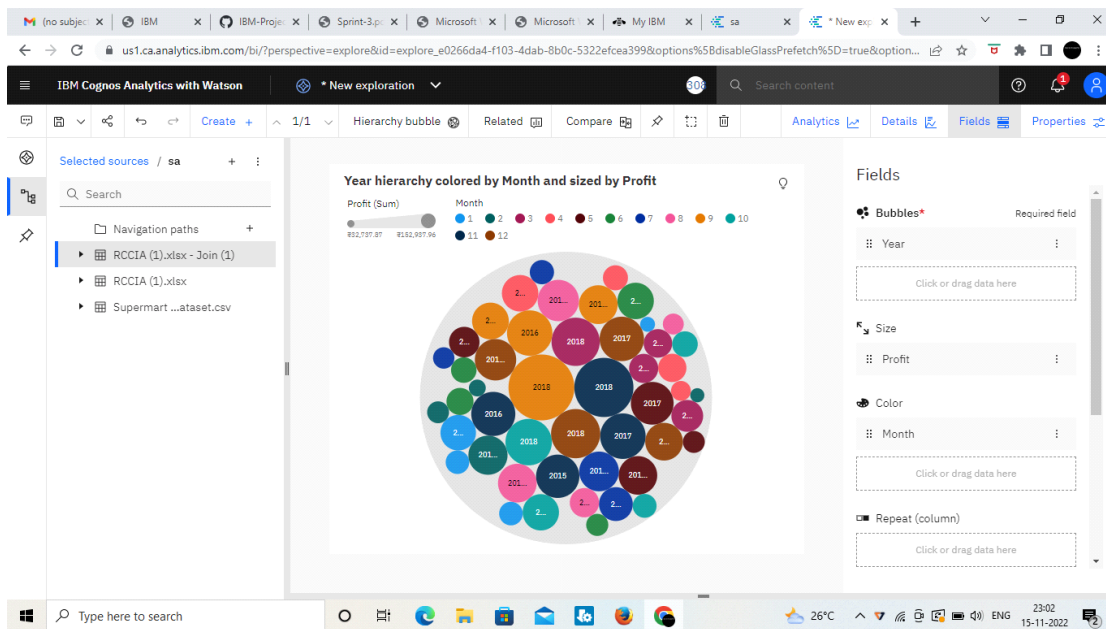




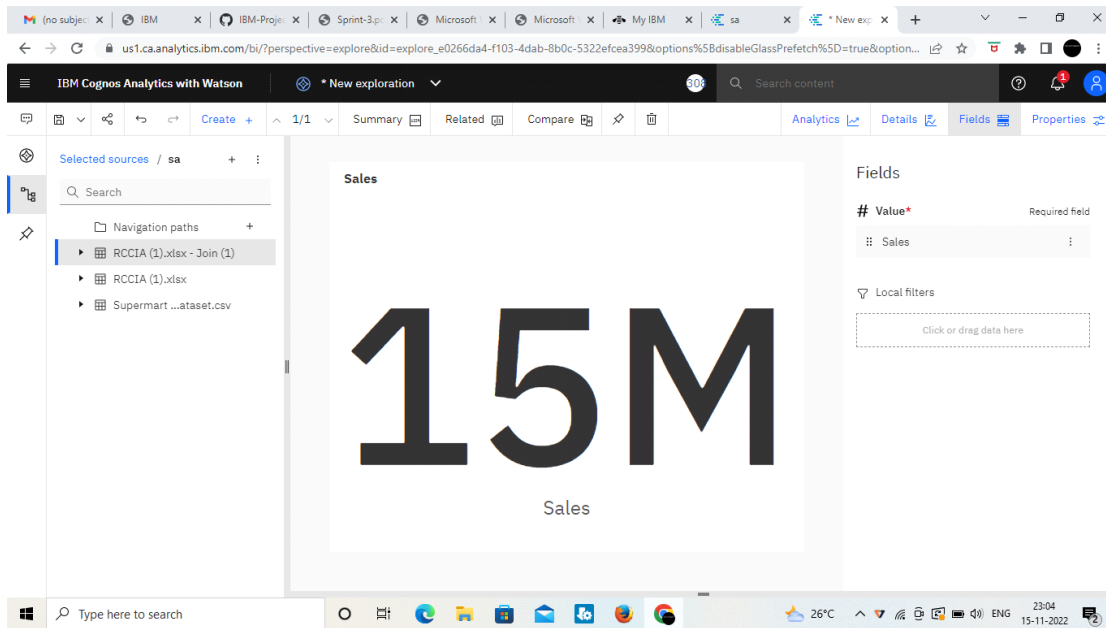
**Year hierarchy coloured by discount and sized by profit:**



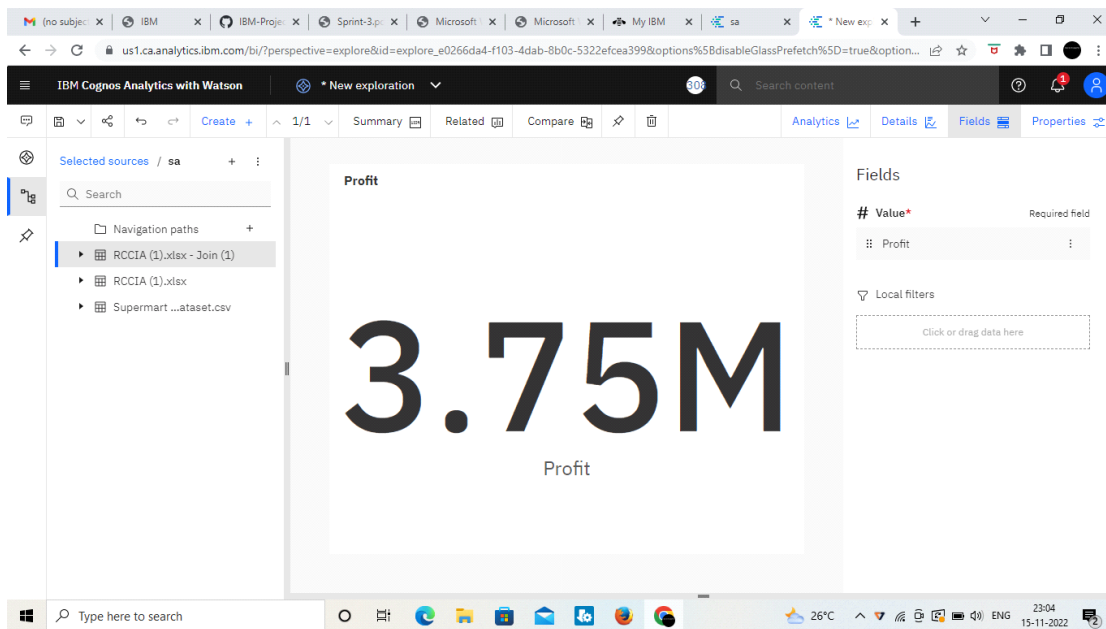
## Year hierarchy coloured by month and sized by profit:



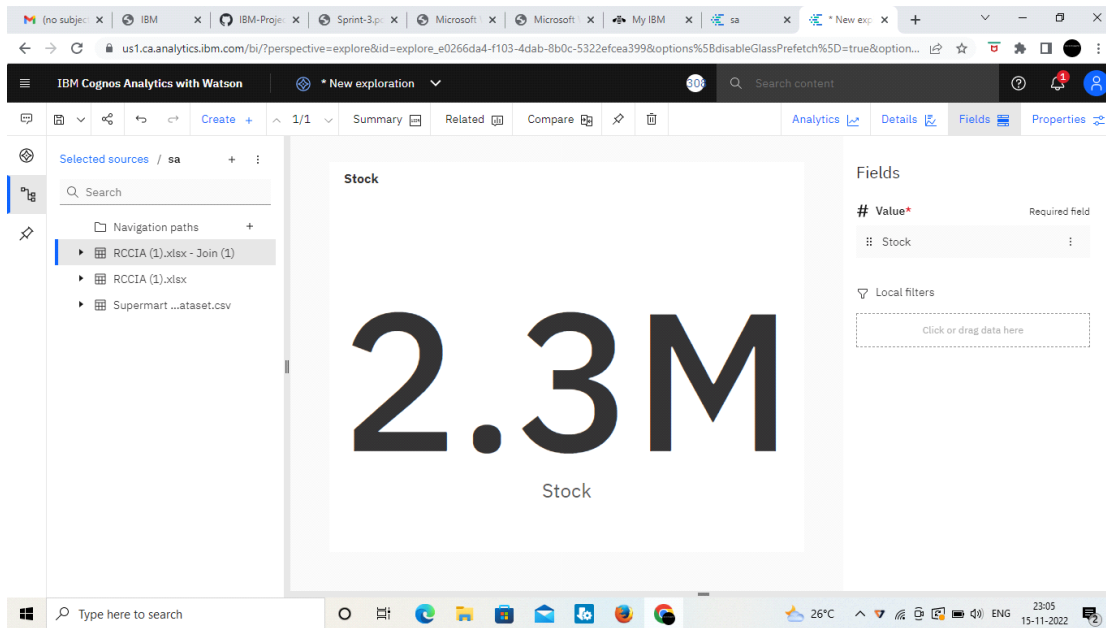
## Sales:



## Profit:



## Stock:



Prepared Data Link:

[https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=i75BE85C978D3441BB6A7E67B7835172F&objRef=i75BE85C978D3441BB6A7E67B7835172F&tid=2878668387\\_0ee41377573244b5af6b0128e465b636\\_sessionTemp](https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=i75BE85C978D3441BB6A7E67B7835172F&objRef=i75BE85C978D3441BB6A7E67B7835172F&tid=2878668387_0ee41377573244b5af6b0128e465b636_sessionTemp)