PROJECT DEVELOPMENT PHASE
DELIVERY OF SPRINT-3

Team ID	PNT2022TMID08062
Project Title	Data Analytics - Retail Store Stock Inventory Analytics

PROJECT DEVELOPMENT PHASE

Sprint-1:

- Data Collection

Sprint-2

- Data Preparation

Sprint-3:

- Data Exploration

Sprint-4:

- Dashboard Creation

SPRINT-3

DATA EXPLORATION

- ✓ LOAD THE DATASET
- ✓ PREPARED DATA LINK

- ✓ YEAR WISE PRICE USING LINE GRAPH

- ✓ YEAR WISE STOCK USING LINE GRAPH

- ✓ TOP10 SALES BY YEAR USING LINE GRAPH

- ✓ MONTHLY SALES USING TREE MAP

- ✓ MONTHLY REVENUE BY PIE CHART

- ✓ SUMMARY CARDS OF TOTAL REVENUE, SALES, STOCK, PRICE
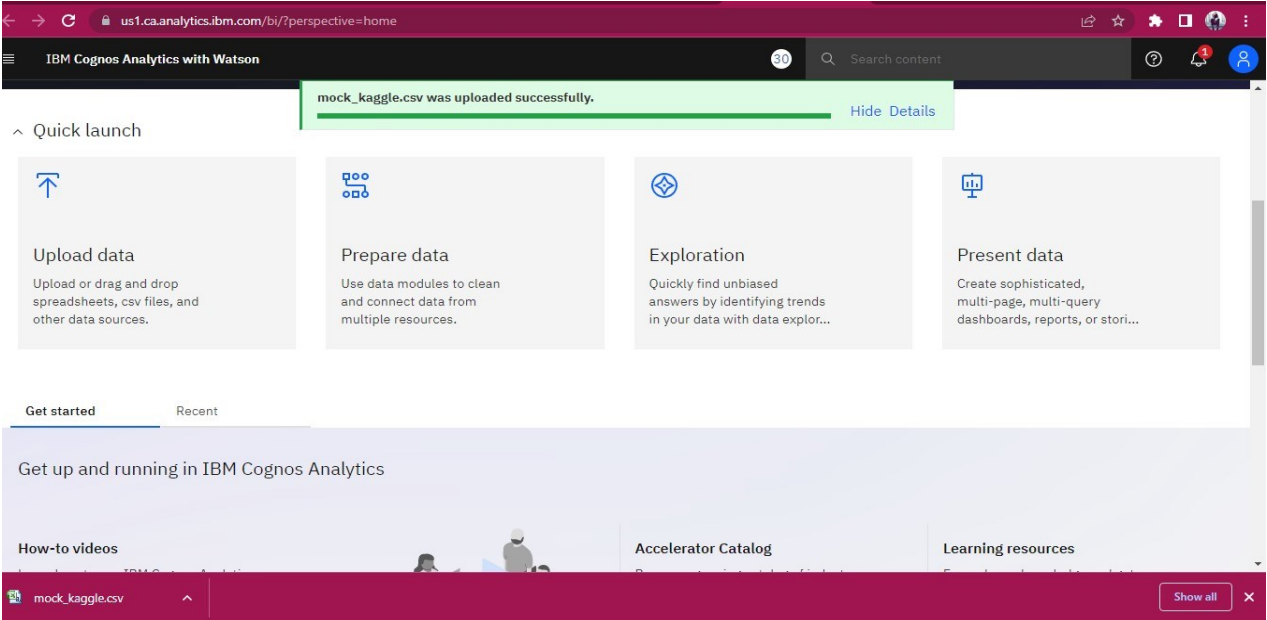
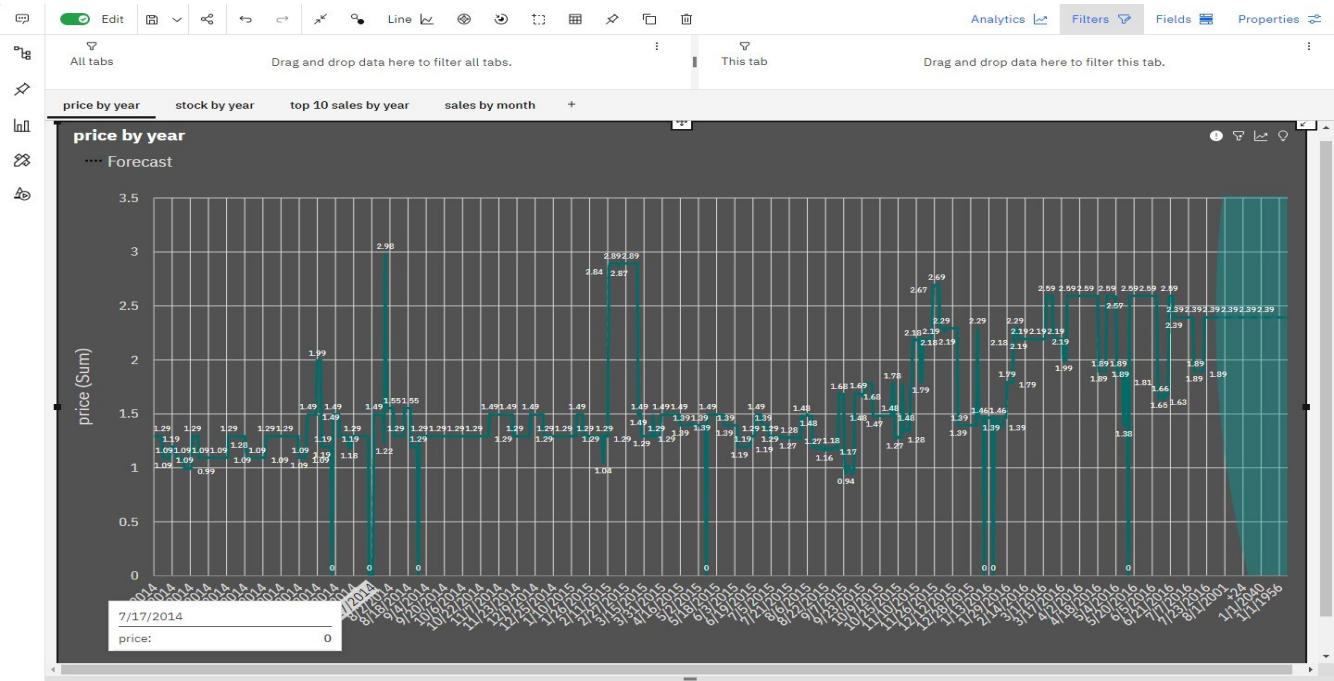- ✓ DASHBOARD CREATION

DATA COLLECTION

Download the Dataset

Dataset link - https://drive.google.com/file/d/1UPGl-bJycH8H7BGjStHqCGGvfrLDjkDk/view
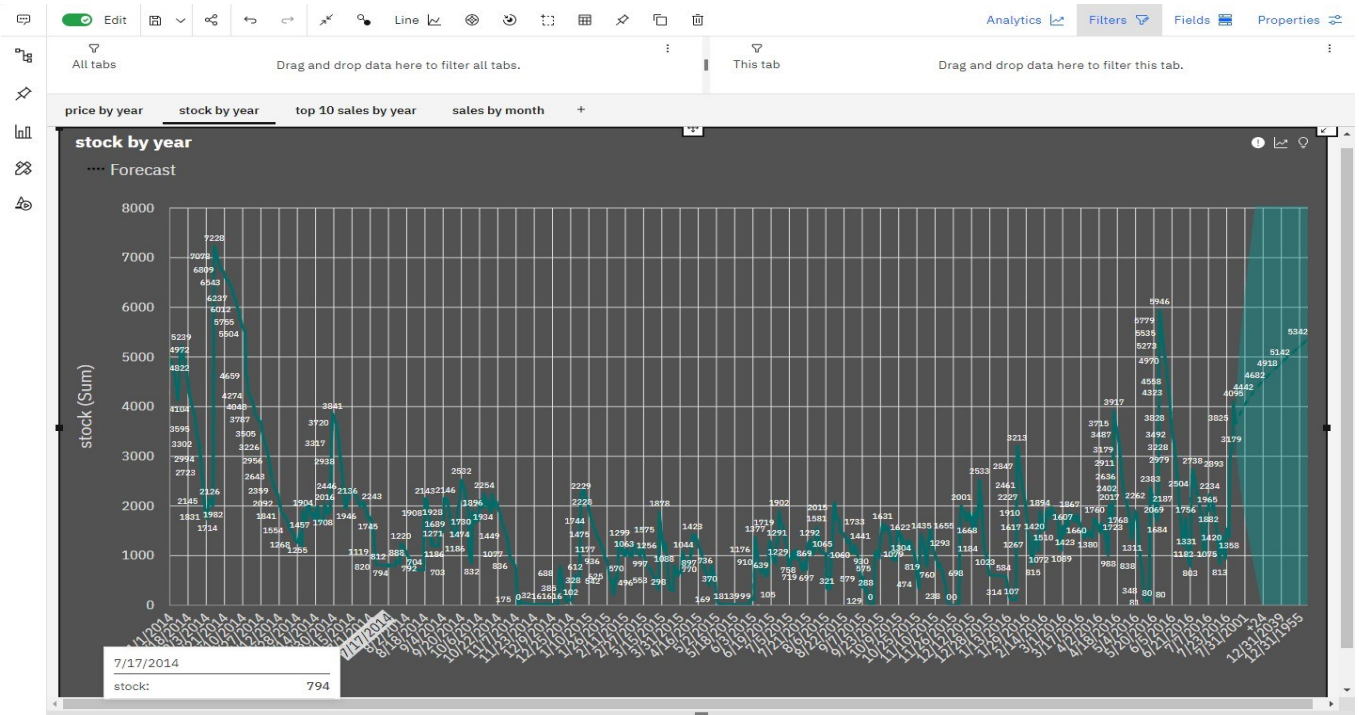
LOAD THE DATASET
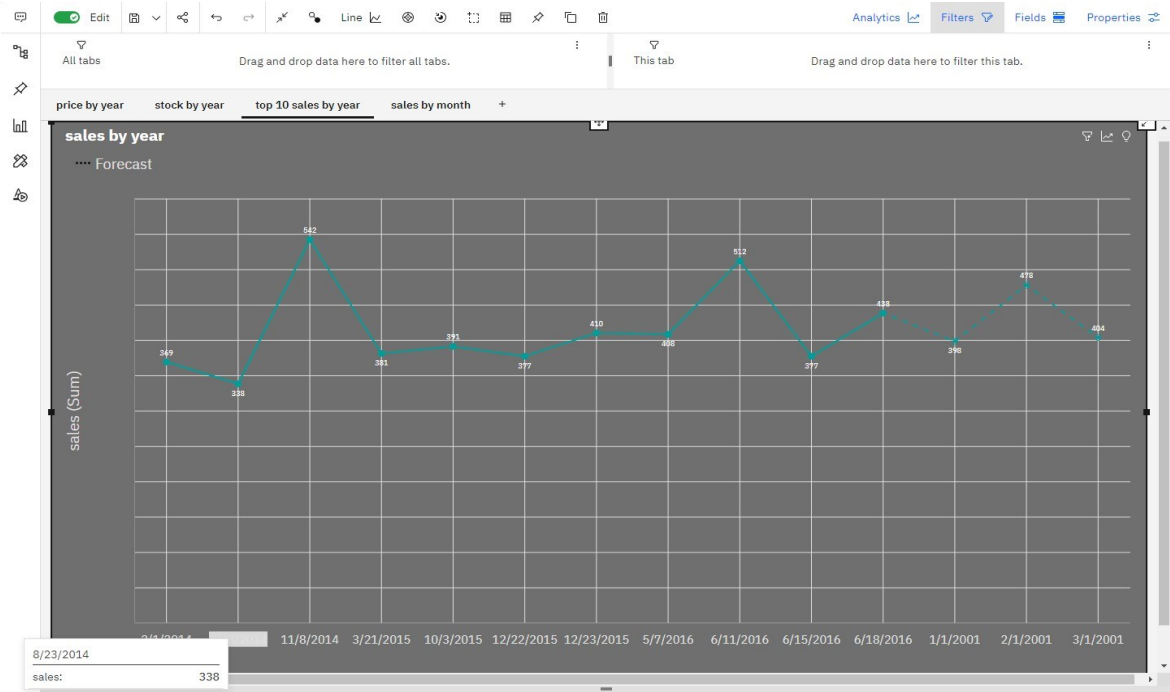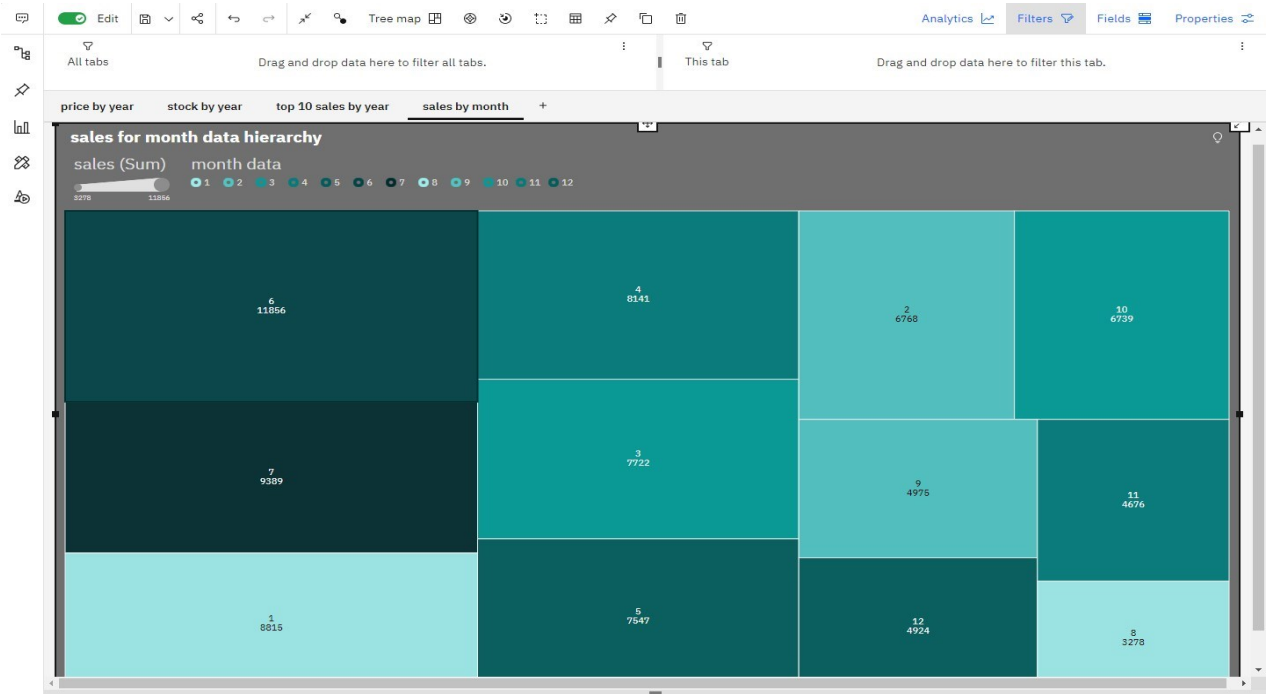
Tool used – IBM Cognos Analytics

YEAR WISE PRICE USING LINE GRAPH

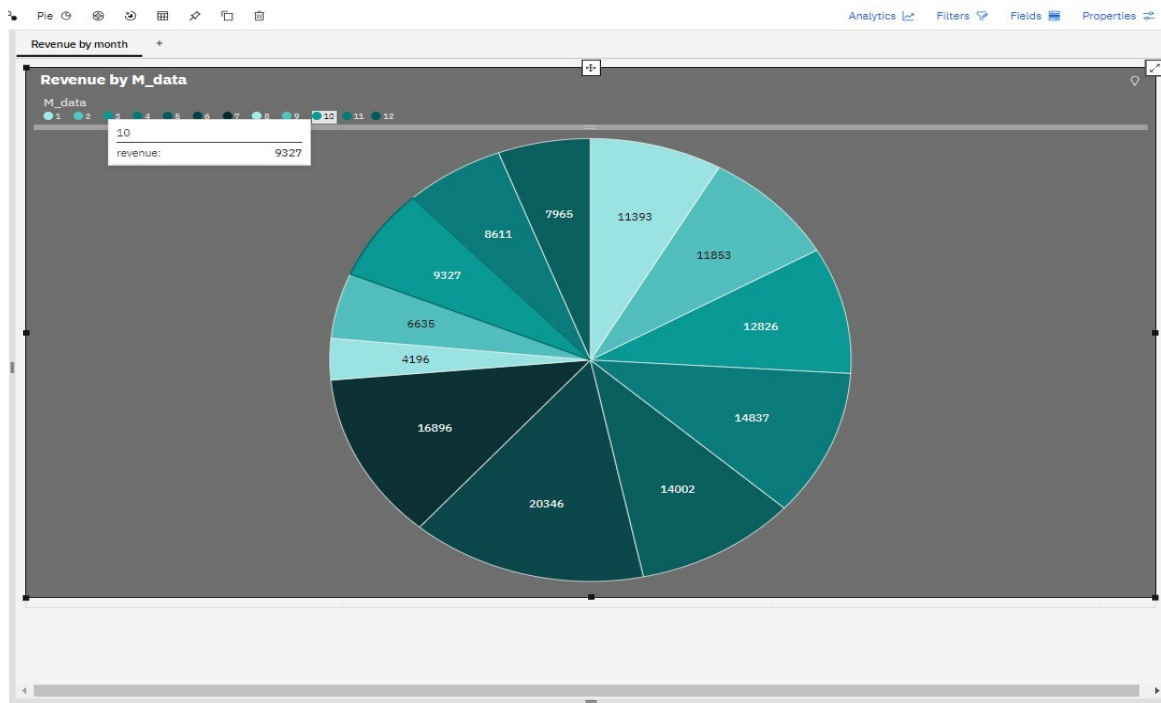# YEAR WISE STOCK USING LINE GRAPH

TOP10 SALES BY YEAR USING LINE GRAPH

MONTHLY SALES USING TREE MAP

price by year   stock by year   top 10 sales by year   sales by month   +

sales for month data hierarchy

sales (Sum)   month data
3278   11856   ●1 ●2 ●3 ●4 ●5 ●6 ●7 ●8 ●9 ●10 ●11 ●12

6	4	2	10
11856	8141	6768	6739
7	3	9	11
9389	7722	4976	4676
1	5	12	8
8815	7547	4924	3278

MONTHLY REVENUE BY PIE CHART

Revenue by month   +

Revenue by M_data

M_data

● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8 ● 9 ○ 10 ● 11 ● 12

10	
revenue:	9327

SUMMARY CARDS OF TOTAL REVENUE, SALES, STOCK, PRICE

Revenue by month   +

Revenue by M_data

M_data

● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8 ● 9 ○ 10 ● 11 ● 12

10	
revenue:	9327

PREPARED DATA LINK

https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2Finventory%2Bmanagement%2Fretail