

**PROJECT DEVELOPMENT PHASE**  
**DELIVERY OF SPRINT-4**

|              |  |
|--------------|--|
| Team ID      | PNT2022TMID47316                       |
| Project Name | Retail Store Stock Inventory Analytics |

**PROJECT DEVELOPMENT PHASE**

**Sprint-1**

- Data Collection

**Sprint-3**

- Data Exploration

**Sprint-2**

- Data Preparation

**Sprint-4**

- Dashboard Creation

# Retail Store Stock Inventory Management



Project coordinator

1.Madhumitha R

2. Abisha M

3.Deepika S

4. Thiruthamizhi T

# DATA COLLECTION

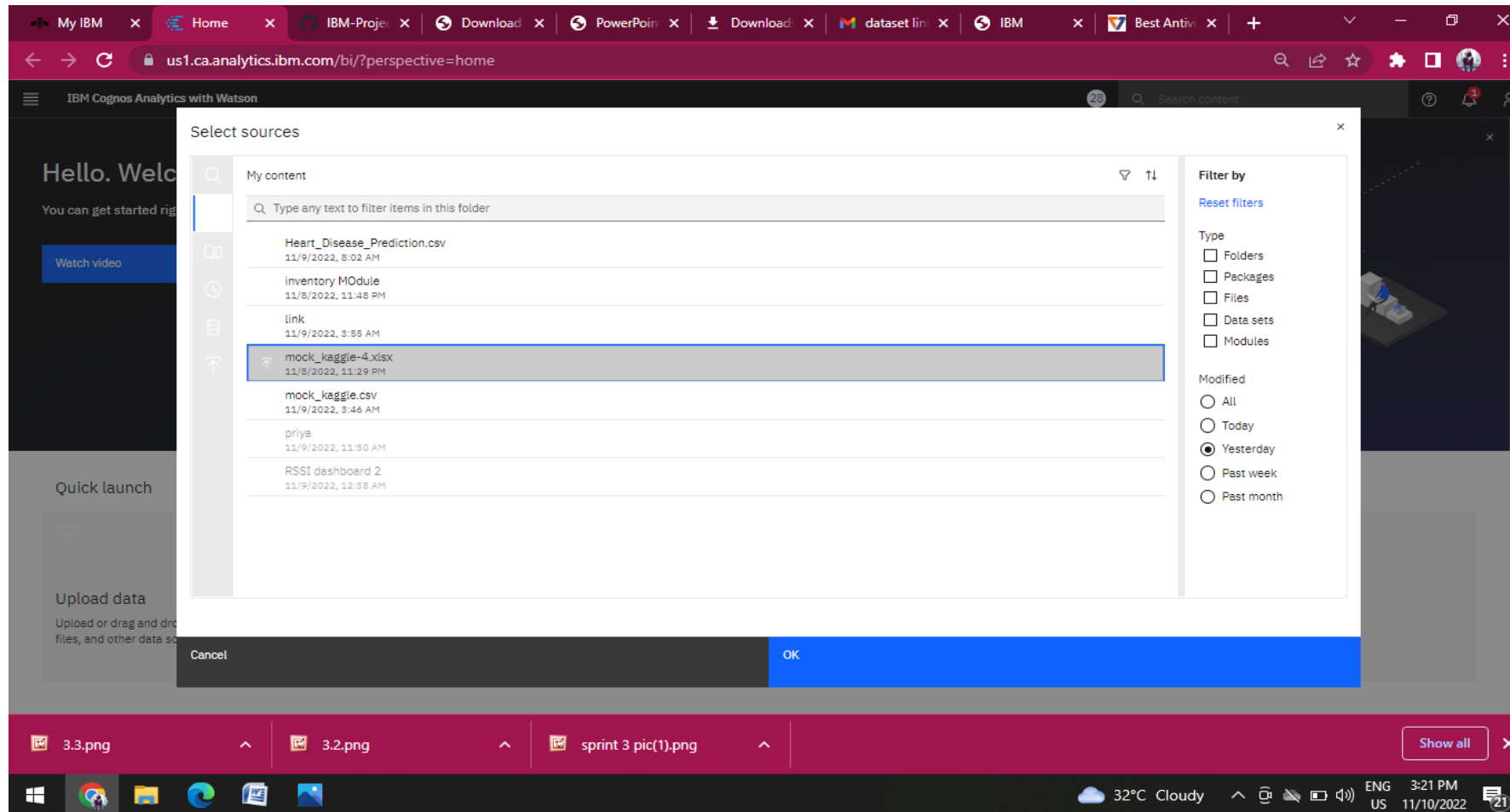
Download the Dataset

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 Analytics



My IBMHomeIBM-ProjecDownloadPowerPoinDownloaddataset linIBMBest Antiv

us1.ca.analytics.ibm.com/bi/?perspective=home

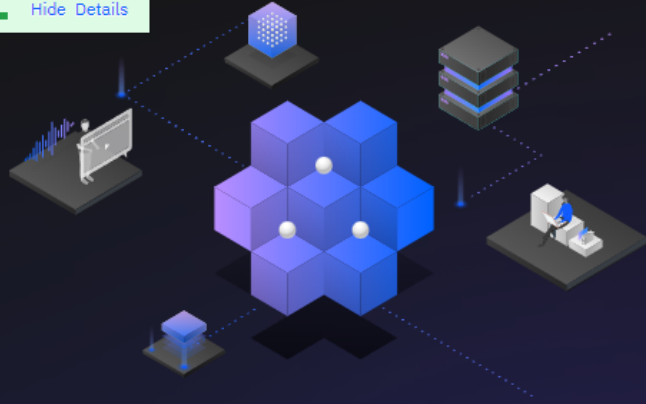
IBM Cognos Analytics with Watson2 items open26Search content

mock\_kaggle-4.xlsx was uploaded successfully.[Hide Details](#)


# Hello. Welcome to Cognos Analytics with Watson.

You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.

[Watch video](#)[Take a product tour](#)




## Quick launch




### Upload data

Upload or drag and drop spreadsheets, csv files, and other data sources.




### Prepare data

Use data modules to clean and connect data from multiple resources.



### Exploration

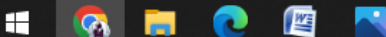
Quickly find unbiased answers by identifying trends in your data with data exploration.



### Present data

Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

3.3.png3.2.pngsprint 3 pic(1).pngShow all



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dataset link - thiru04200 × retail store stock invento × My IBM × Home × IBM-Project-16960-1659 × IBM × + ▾

us1.ca.analytics.ibm.com/bi/?perspective=home

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28 🔍 Search content ⓘ 🔔 1 👤

🏠 Home

+ New

⬆️ Upload data

📁 Content

🕒 Recent >

👤 Manage

New

Data

🔗 Data module

Explore

🔗 Exploration

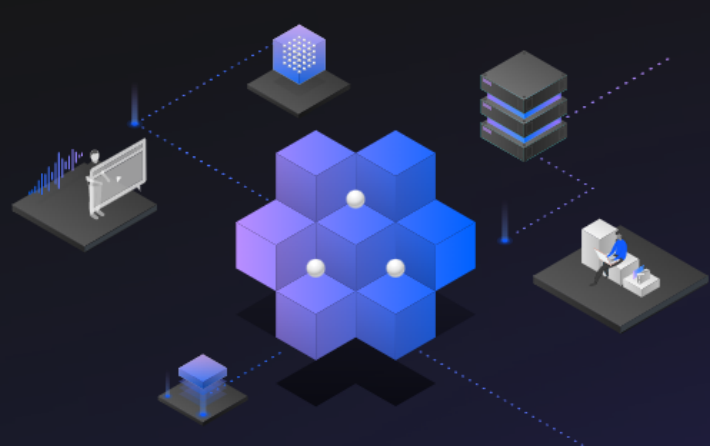
Present

📊 Dashboard

📄 Report

📖 Story

tour and



🔗

Exploration

Quickly find unbiased answers by identifying trends in your data with data exploration.

📊

Present data

Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

InShot\_20221109\_...jpg ^

Show all ×

# Create a Dashboard

dataset link - thiru04200 x | retail store stock invento x | My IBM x | Create dashboard x | IBM-Project-16960-1659 x | IBM x

us1.ca.analytics.ibm.com/bi/?perspective=createBoard

IBM Cognos Analytics with Watson | Create dashboard 28 Search content

## Create a dashboard

Select a template for your dashboard

Cancel Create

Tabbed Infographic

Grid of dashboard templates (12 total, 1 selected)

InShot\_20221109\_....jpg Show all x

# Select a Source

dataset link - thiru04200

retail store stock invento

My IBM

\* New dashboard

IBM-Project-16960-1650

IBM

us1.ca.analytics.ibm.com/bi/?perspective=dashboard&id=dashboard\_037aad92-9126-49b2-b9c1-3d28c20c7ea4&ui\_appbar=true&options%5BdisableGlassPrefetch%5D=true...

IBM Cognos Analytics with Watson

\* New dashboard

28

Search content

Fields

Properties

Data

Select a source

Click select a source to add a dashboard.

Select a source

Select a source

My content

Team content

| Name                             | Type          | Last Accessed       |
|----------------------------------|---------------|---------------------|
| 50_Startups (1).csv CSV          | Uploaded file | 11/7/2022, 7:12 AM  |
| abalone.csv CSV                  | Uploaded file | 11/7/2022, 7:12 AM  |
| Heart_Disease_Prediction.csv CSV | Uploaded file | 11/9/2022, 8:02 AM  |
| inventory MModule                | Data module   | 11/8/2022, 11:48 PM |
| link                             | Data module   | 11/9/2022, 3:55 AM  |
| mock_kaggle-2.csv CSV            | Uploaded file | 11/8/2022, 5:30 AM  |
| mock_kaggle-3.csv CSV            | Uploaded file | 11/8/2022, 5:36 AM  |
| mock_kaggle-4.xlsx xlsx          | Uploaded file | 11/8/2022, 11:29 PM |
| mock_kaggle.csv CSV              | Uploaded file | 11/9/2022, 3:46 AM  |
| work1                            | Data module   | 11/8/2022, 5:47 AM  |

CancelAdd

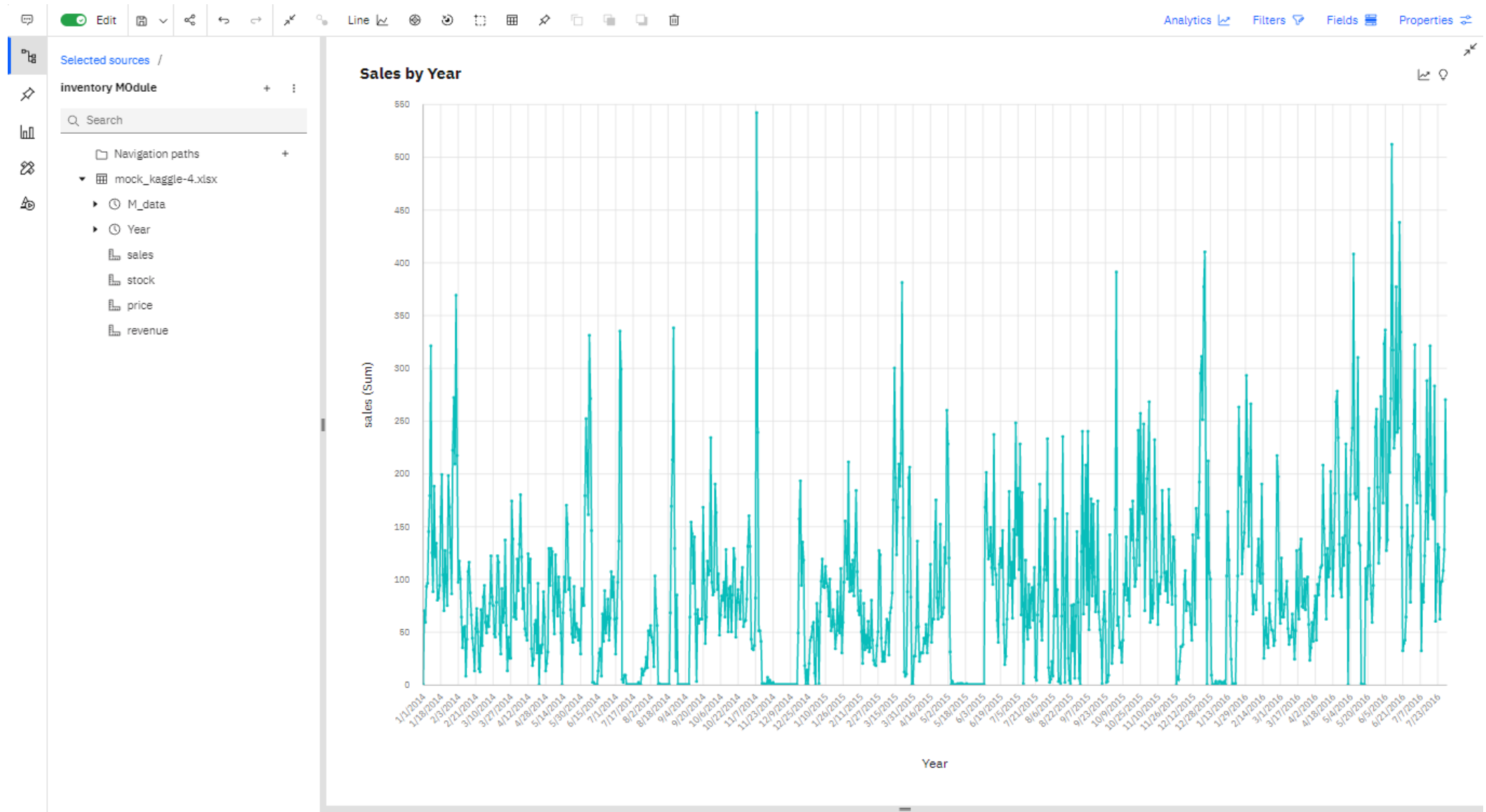
InShot\_20221109\_....jpg

Show all

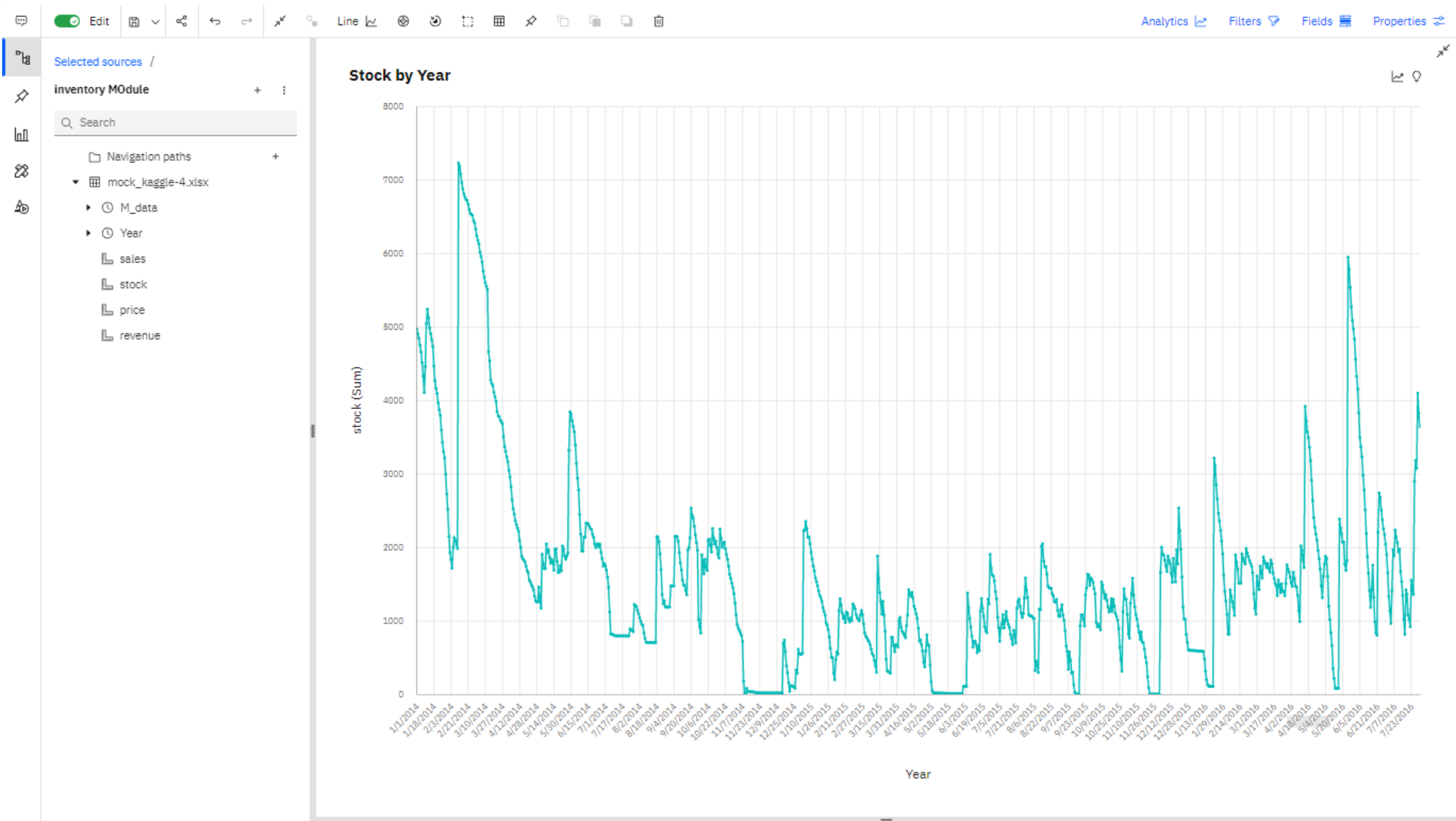


# DASHBOARD CREATION

## Sales by Year Line Chart



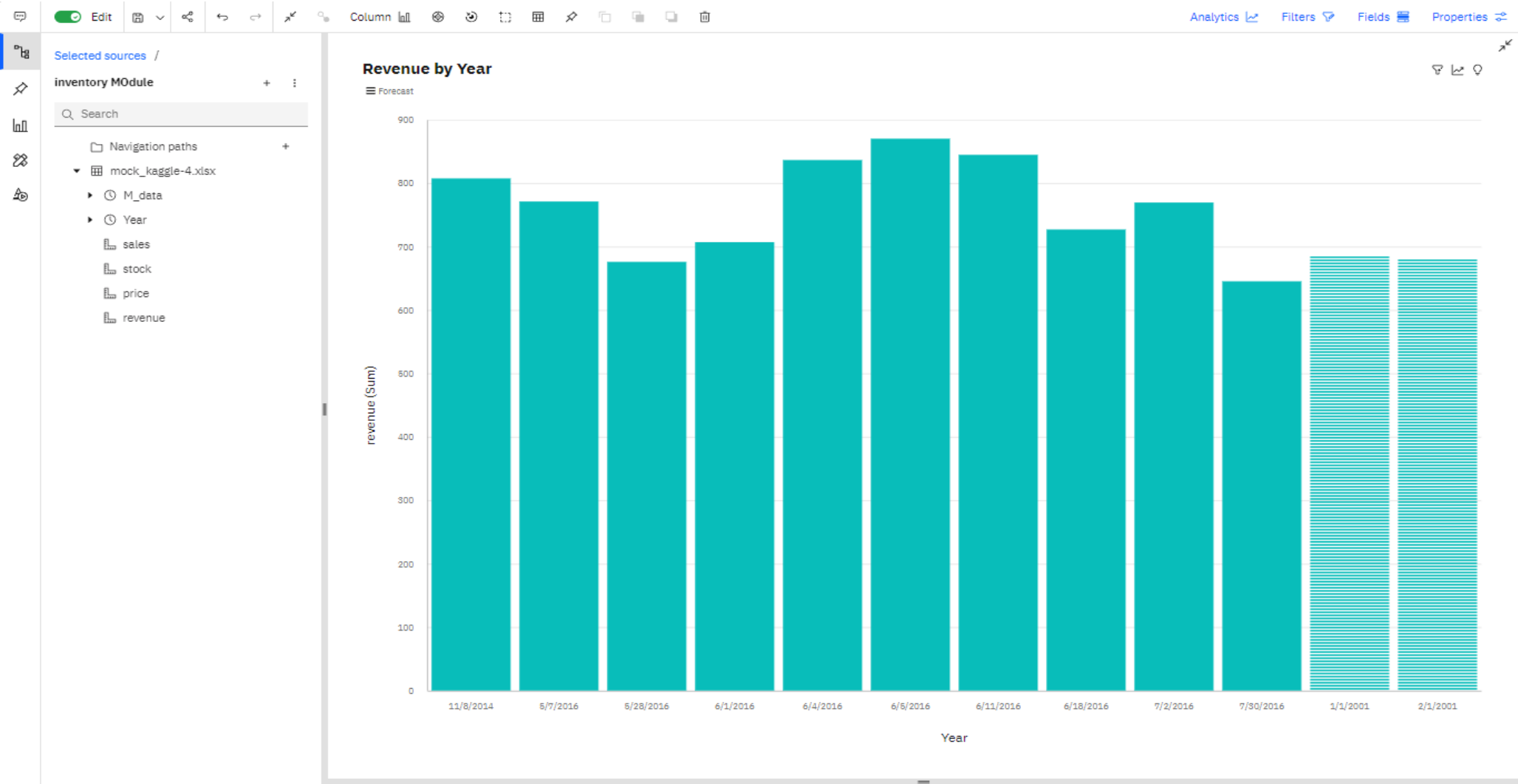
# Stock by Year a Line Visual



# Price by Year Line visual



# Revenue by Year Column Forecast visual



Selected sources /

inventory MModule

Search

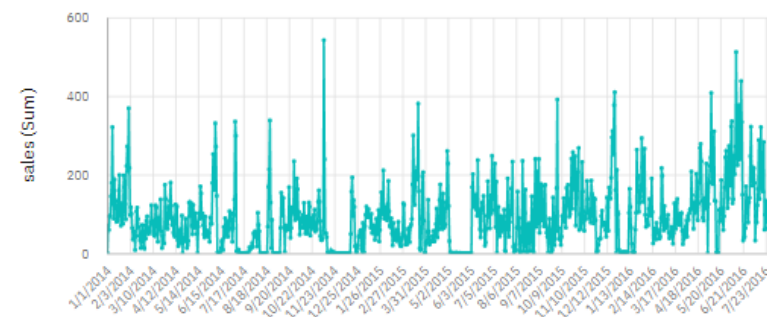
Navigation paths

mock\_kaggle-4.xlsx

- M\_data
- Year
- sales
- stock
- price
- revenue

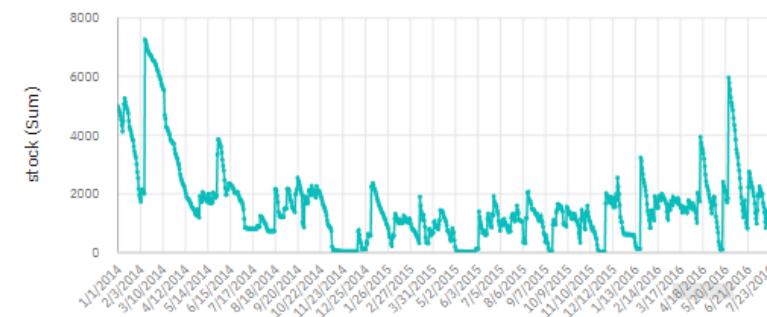
Tab 1

### Sales by Year



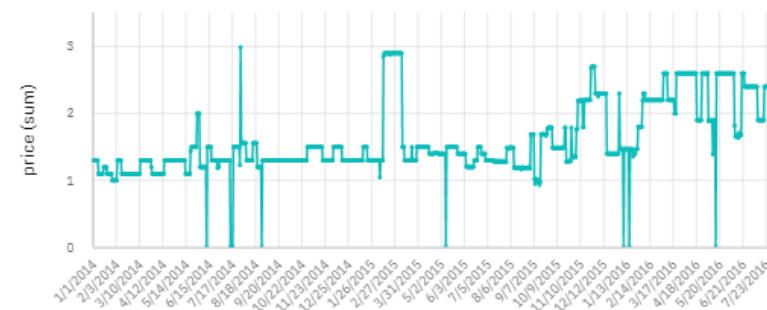
Year

### Stock by Year



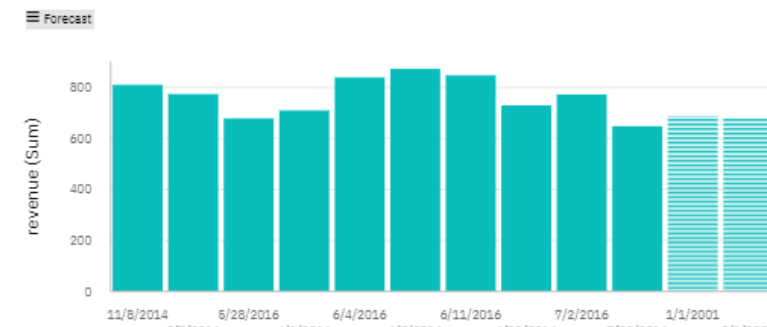
Year

### Price by Year



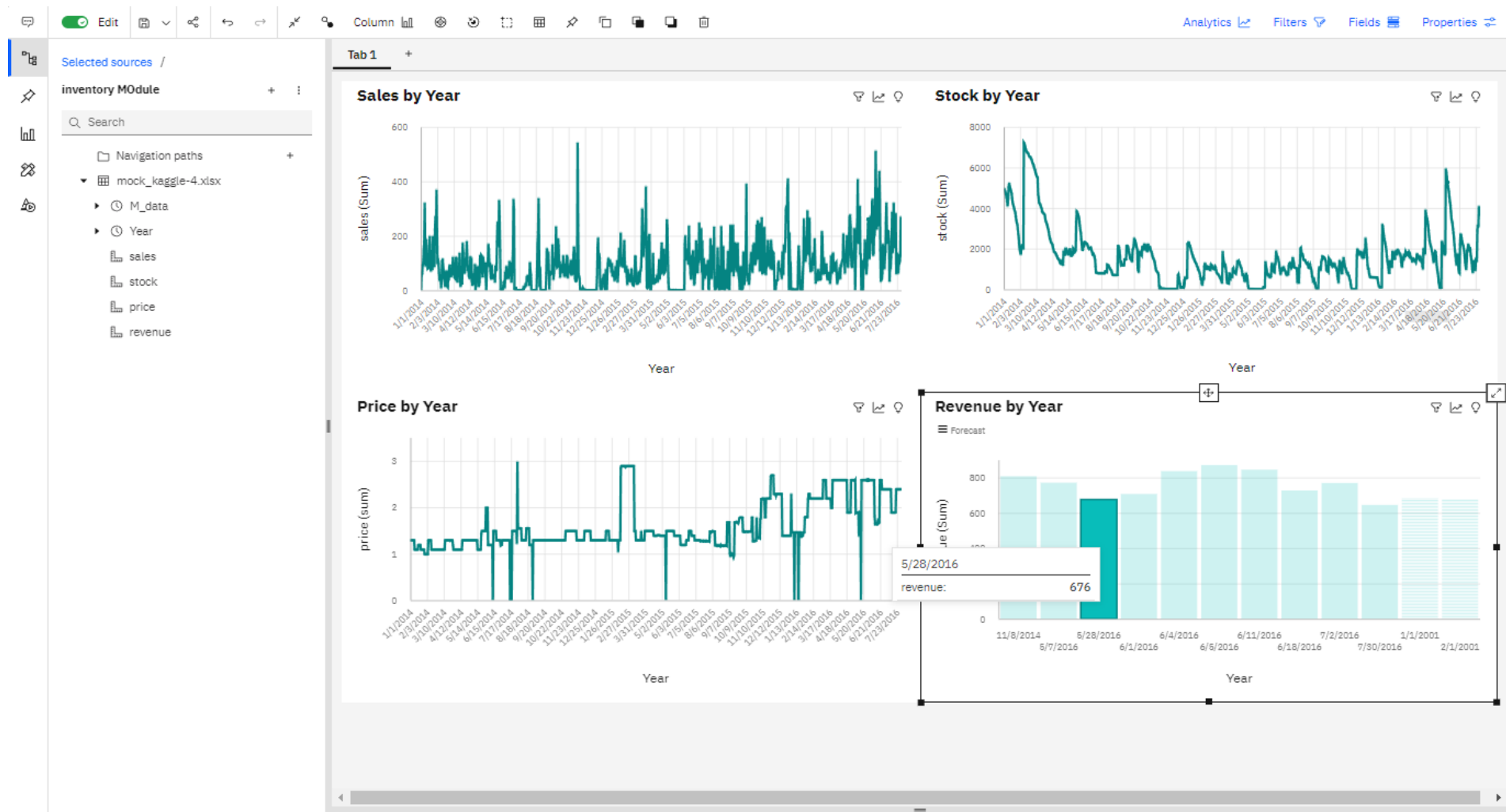
Year

### Revenue by Year



Year

# Interactive Dashboard



## **PREPARED DATA LINK**

**[https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my\\_folders%2Flink](https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2Flink)**