

PROJECT DEVELOPMENT PHASE

DELIVERY OF SPRINT-3

Team ID	PNT2022TMID47316
Project Name	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

Retail Store Stock Inventory Management



Project coordinator

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4. Thiruthamizhi T

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/drive/folders/1kiL-](https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy)

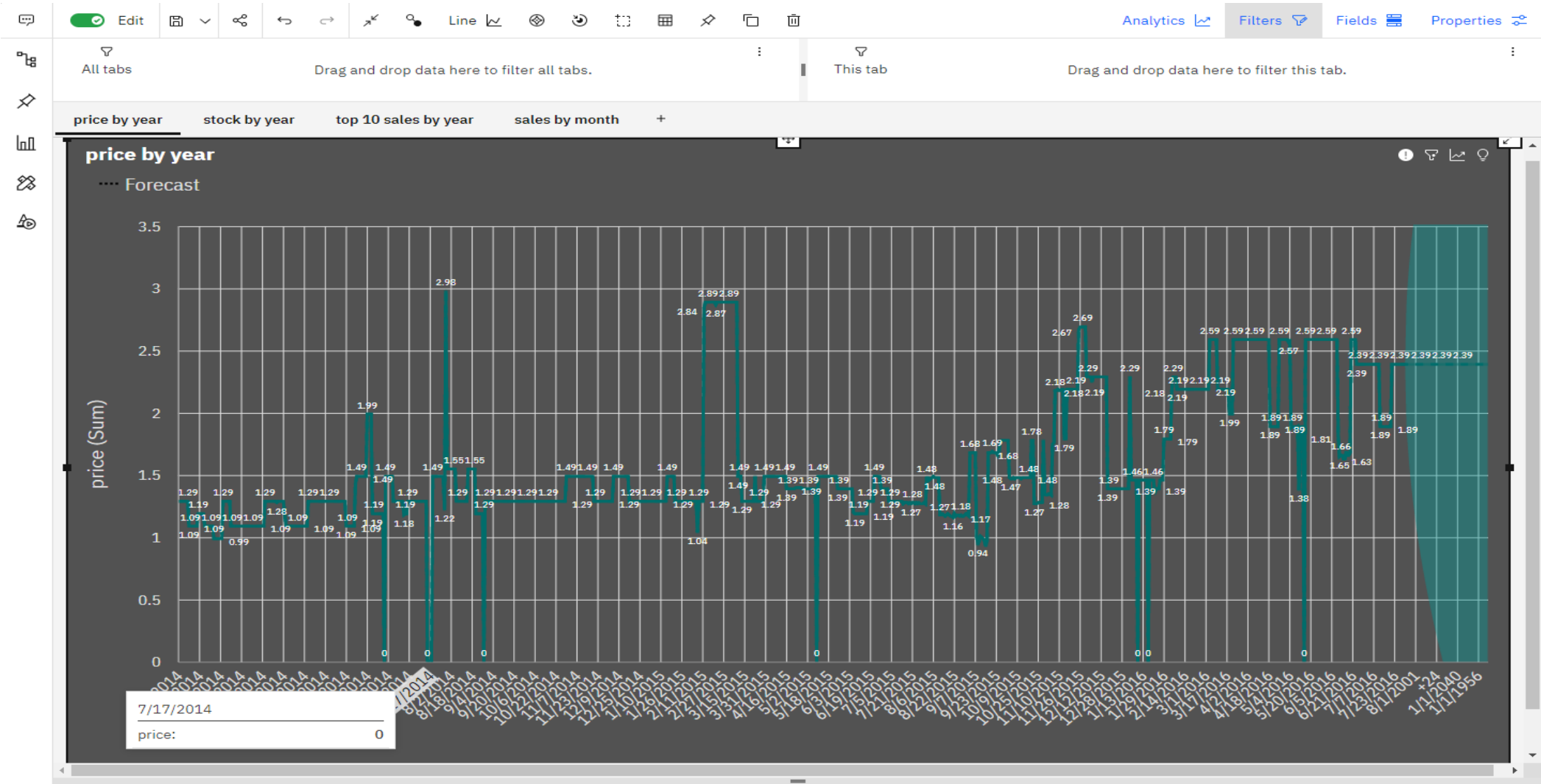
[5CHJmQvbk9VyFsuUs-myAupBZGNy](https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy)

LOAD THE DATASET

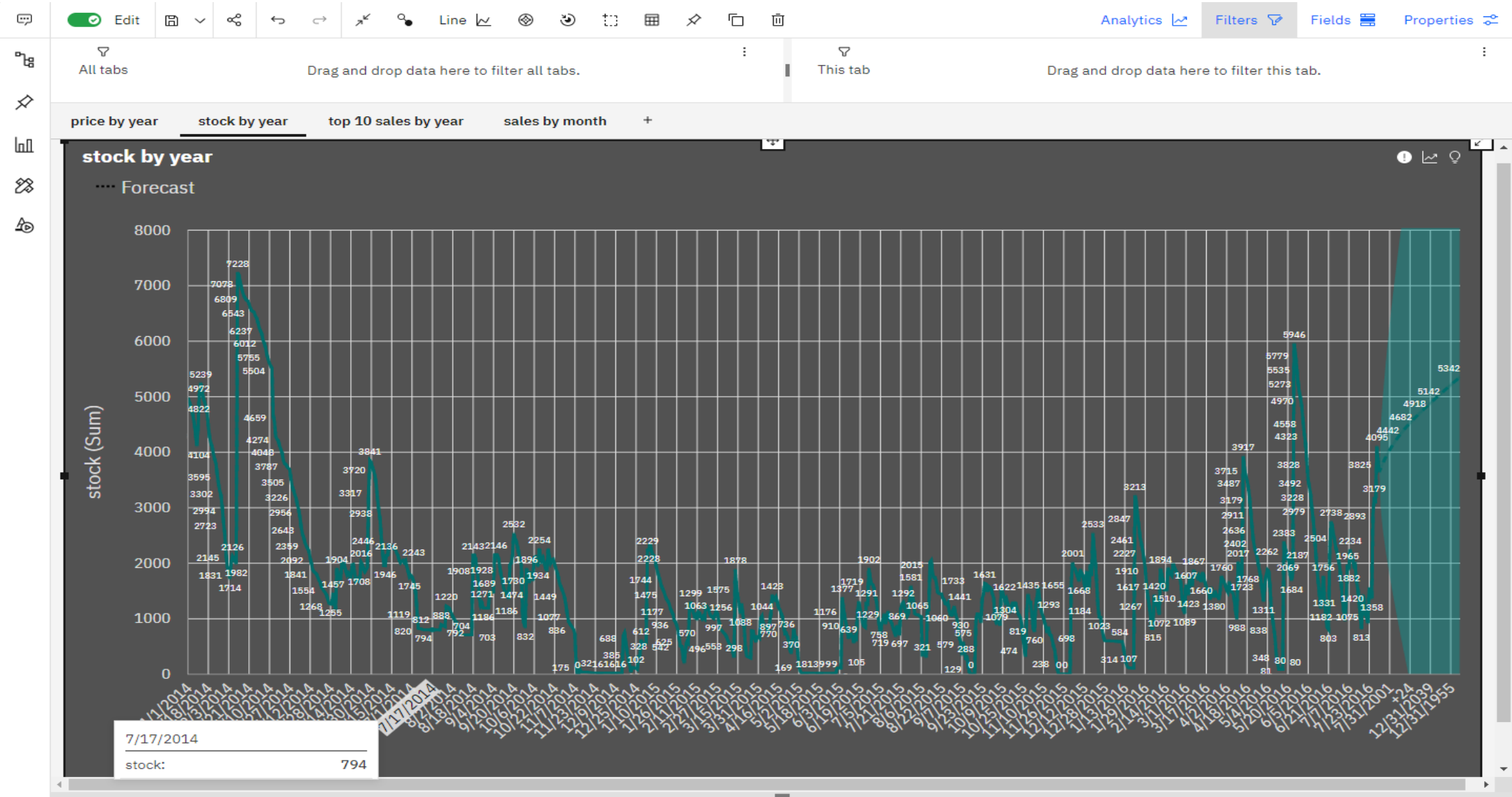
Tool used – IBM Cognos Analytics

The screenshot displays the IBM Cognos Analytics with Watson web application. The browser address bar shows the URL `us1.ca.analytics.ibm.com/bi/?perspective=home`. The application header includes the title "IBM Cognos Analytics with Watson", a notification badge with the number "30", a search bar labeled "Search content", and user profile icons. A green notification banner at the top states "mock_kaggle.csv was uploaded successfully." with a "Hide Details" link. Below this, the "Quick launch" section features four main action cards: "Upload data" (with an upload icon), "Prepare data" (with a data module icon), "Exploration" (with a diamond icon), and "Present data" (with a dashboard icon). Each card contains a brief description of its function. At the bottom, there are tabs for "Get started" and "Recent", followed by a section titled "Get up and running in IBM Cognos Analytics" which includes links for "How-to videos", "Accelerator Catalog", and "Learning resources". The bottom status bar shows the file "mock_kaggle.csv" and a "Show all" button.

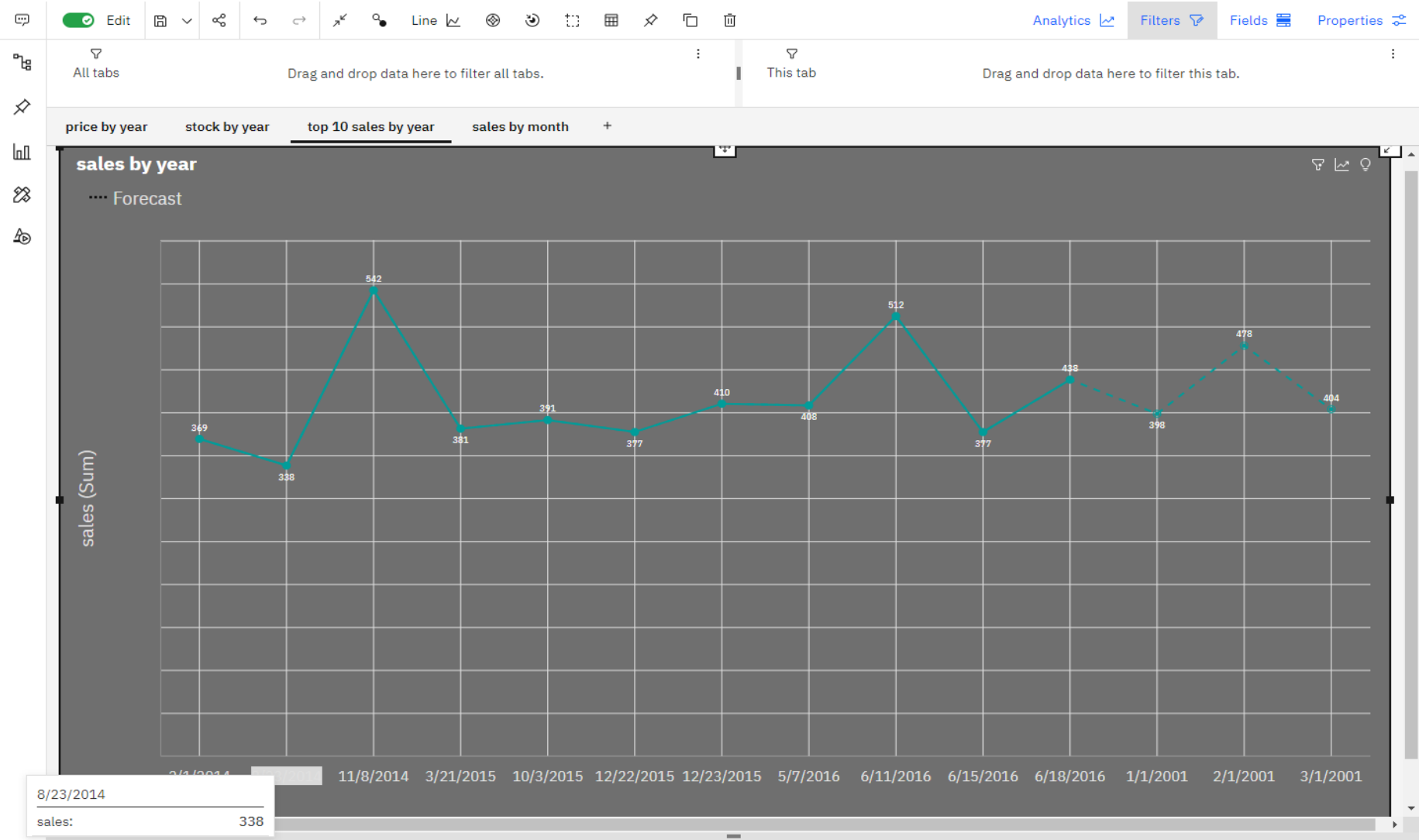
YEAR WISE PRICE USING LINE GRAPH



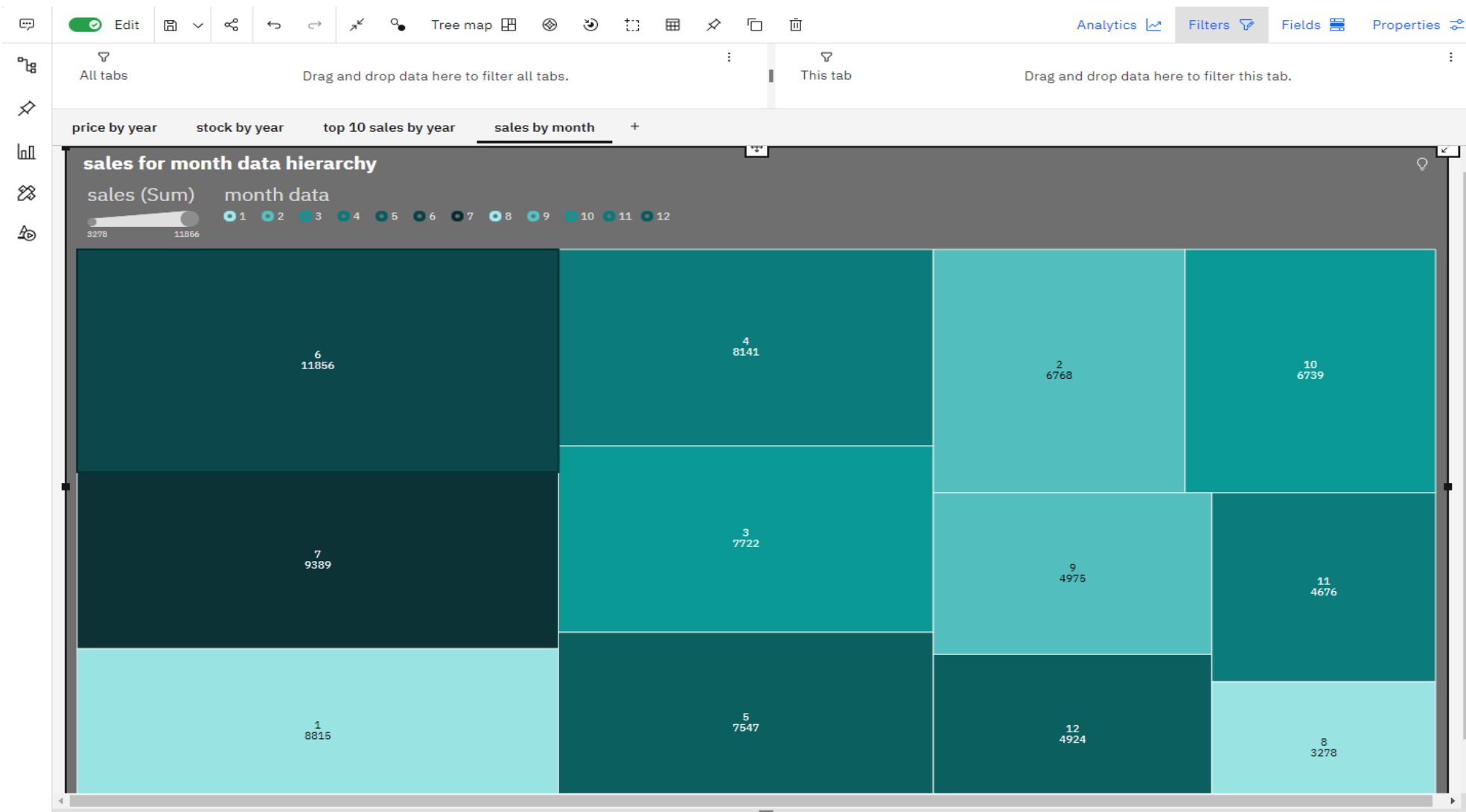
YEAR WISE STOCK USING LINE GRAPH



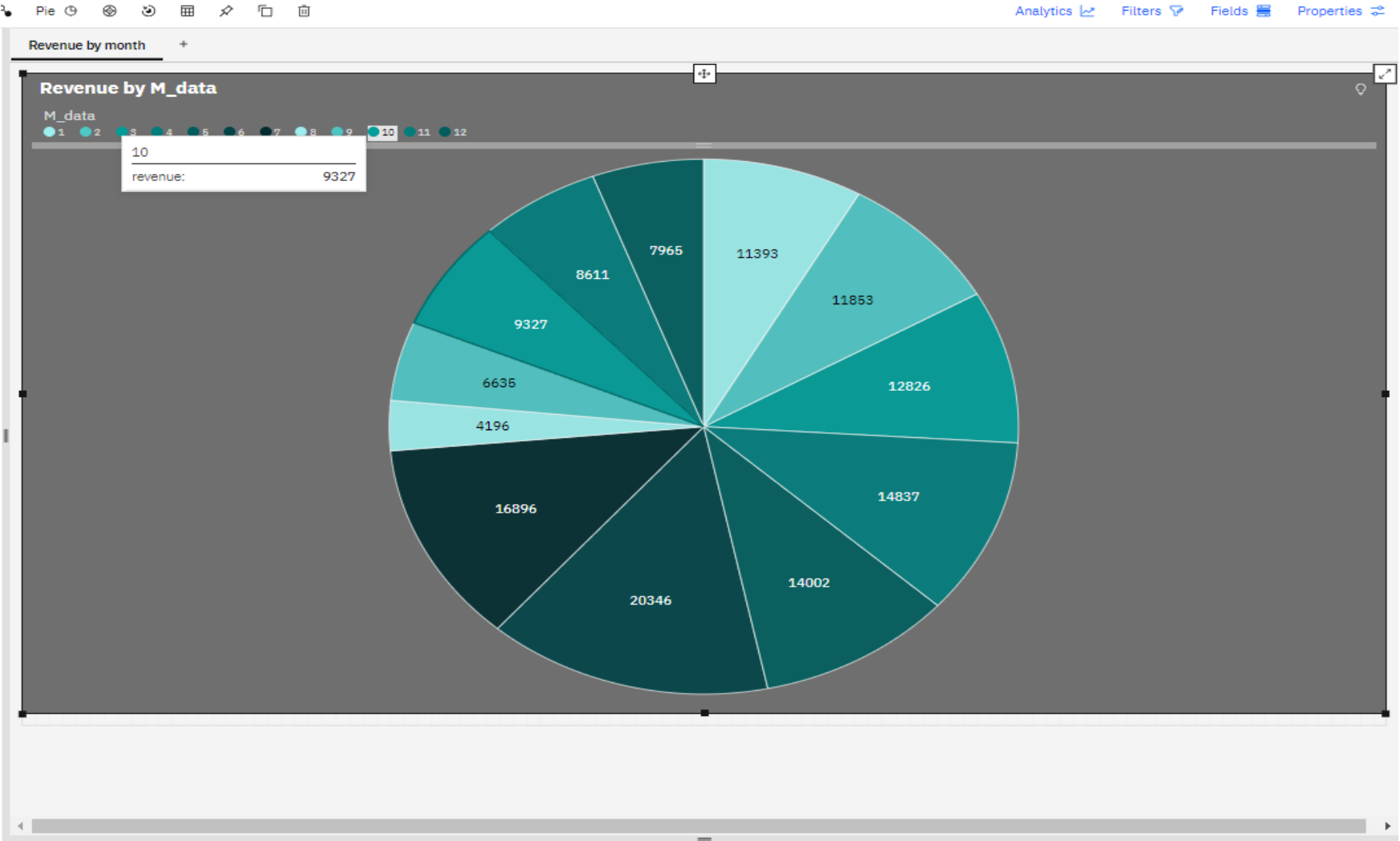
TOP10 SALES BY YEAR USING LINE GRAPH



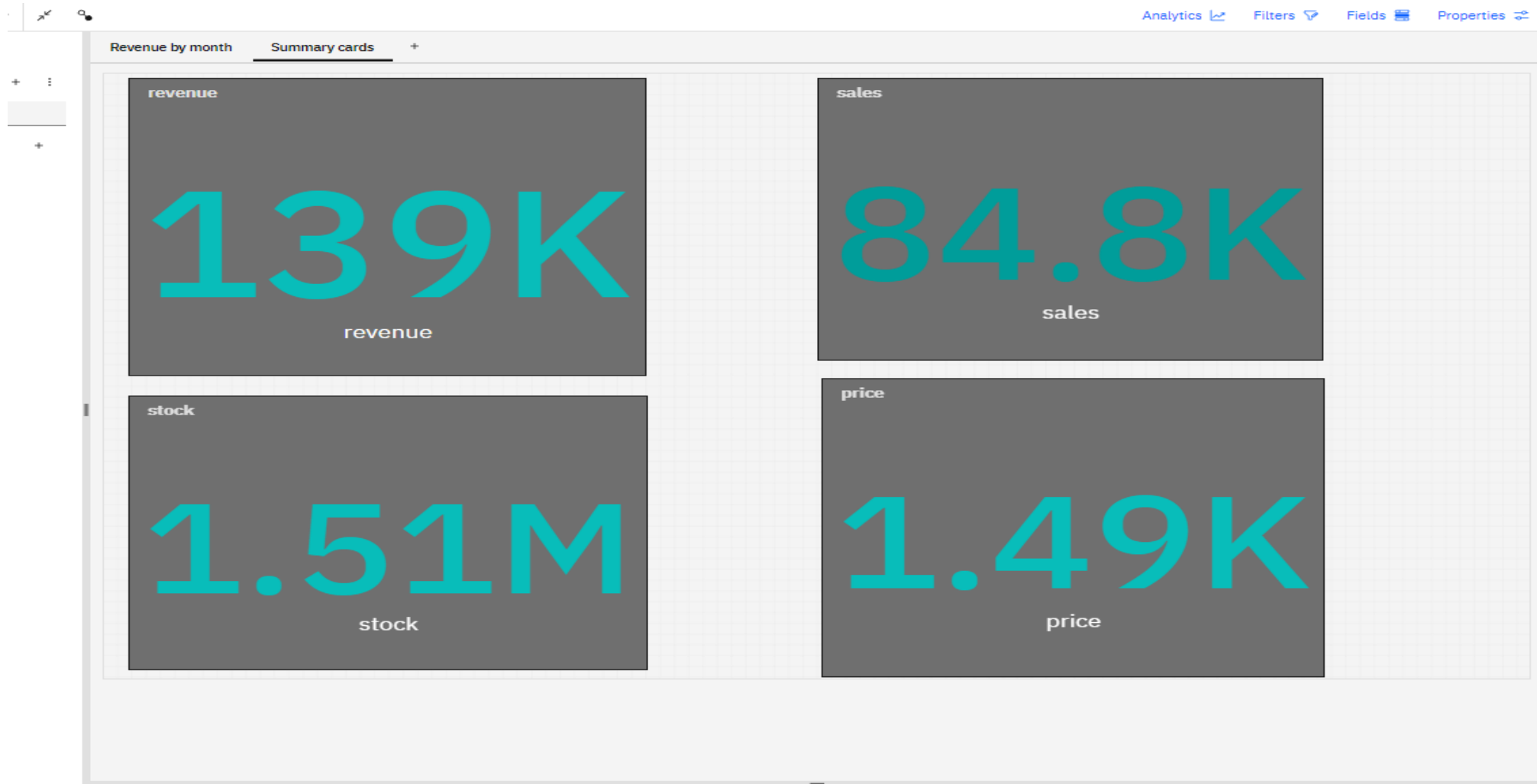
MONTHLY SALES USING TREE MAP



MONTHLY REVENUE BY PIE CHART



SUMMARY CARDS OF TOTAL REVENUE, SALES, STOCK, PRICE



PREPARED DATA LINK

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