Project Development Phase
Delivery of Sprint-2

Team ID	PNT2022TMID09234
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

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SPRINT 2

Data Exploration

Data Exploration:

- Download and Load the Dataset
- Sales by Year
- Price by Year
- Stock by Year
- Sales by M_Data colored by M_Data
- Stock by M_Data colored by M_Data
- Price by M_Data colored by M_Data
- Sales Sunburst
- Stock Summary
- Price Sunburst
- Year hierarchy colored by Year and sized by top 10 Sales
- Stock and Sales for M_Data colored by M_Data
- Top 10 Stock for Year hierarchy

- Word cloud for Year sized by Sales
- Revenue by Year
- Revenue by M_Data colored by M_Data

Data Collection:

1. Download the Dataset:

Dataset Link:
https://drive.google.com/file/d/1awFIKJ9LiIdnNHwGLcsqNDbbwshFHR-w/view

2. Loading the Dataset:
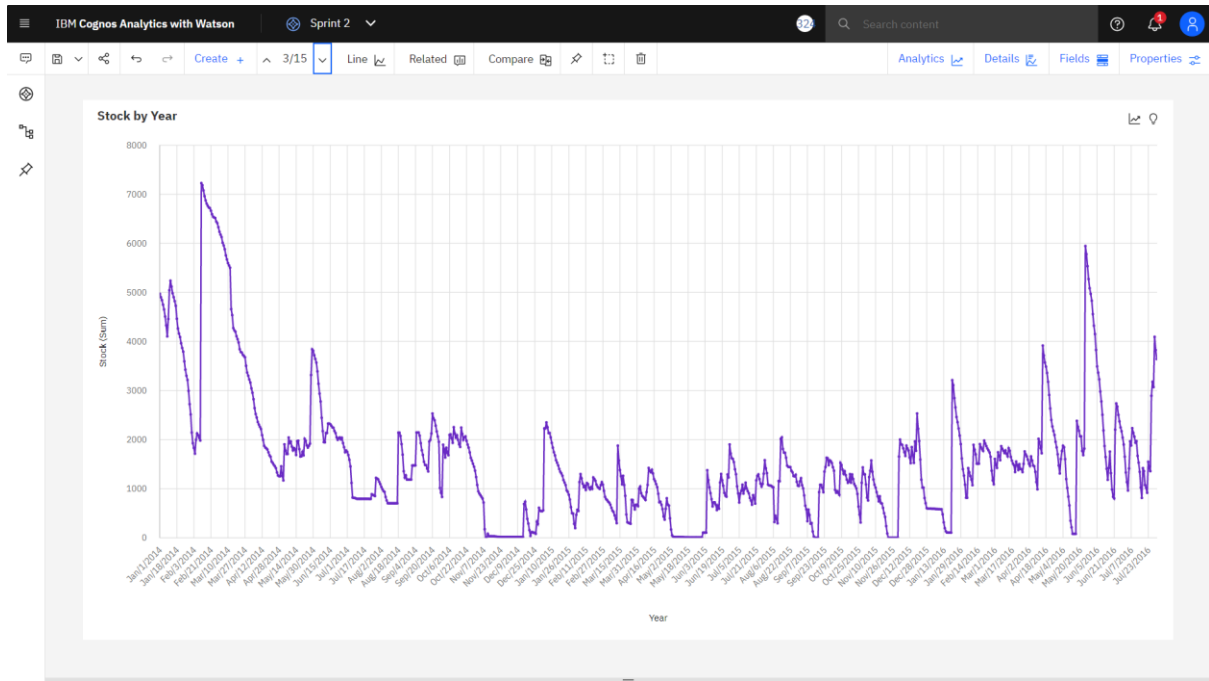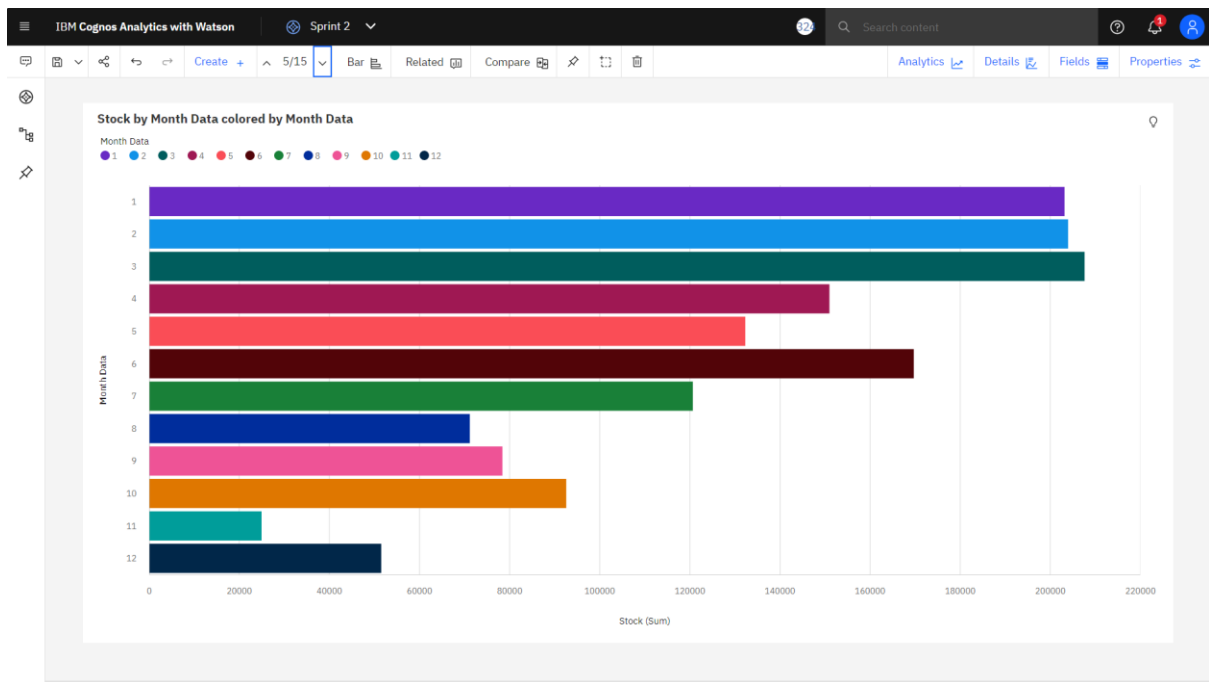
3. Data Exploration:

● Sales by Year
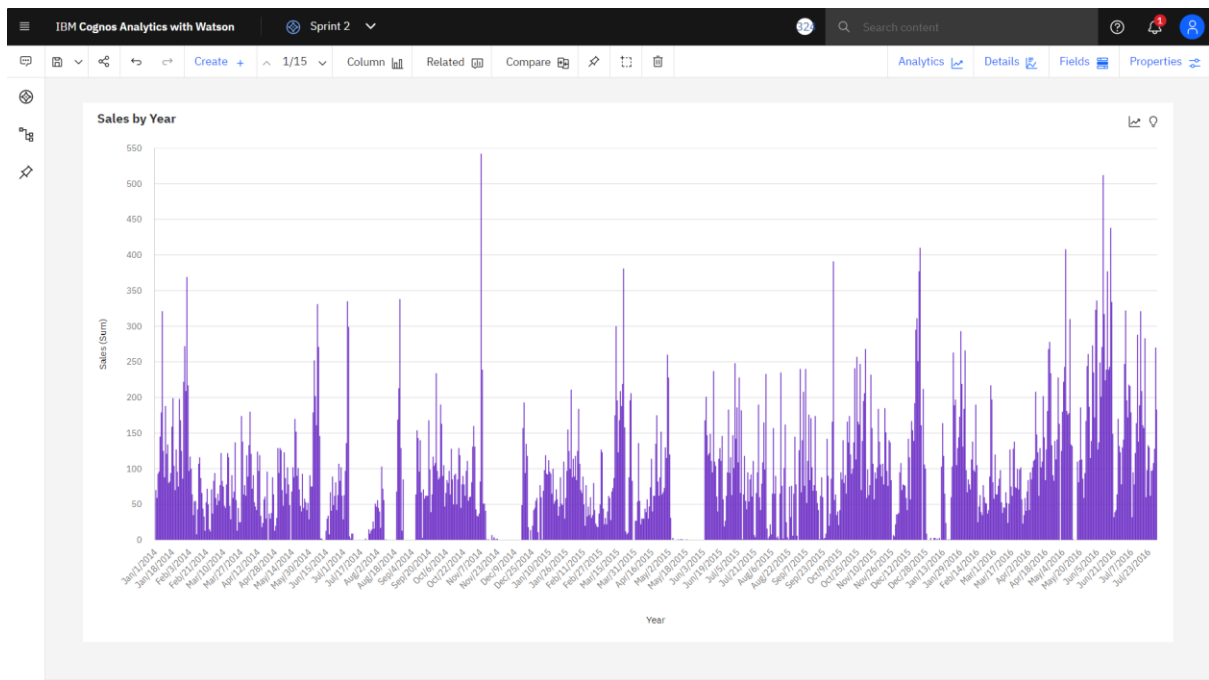
● Price by Year
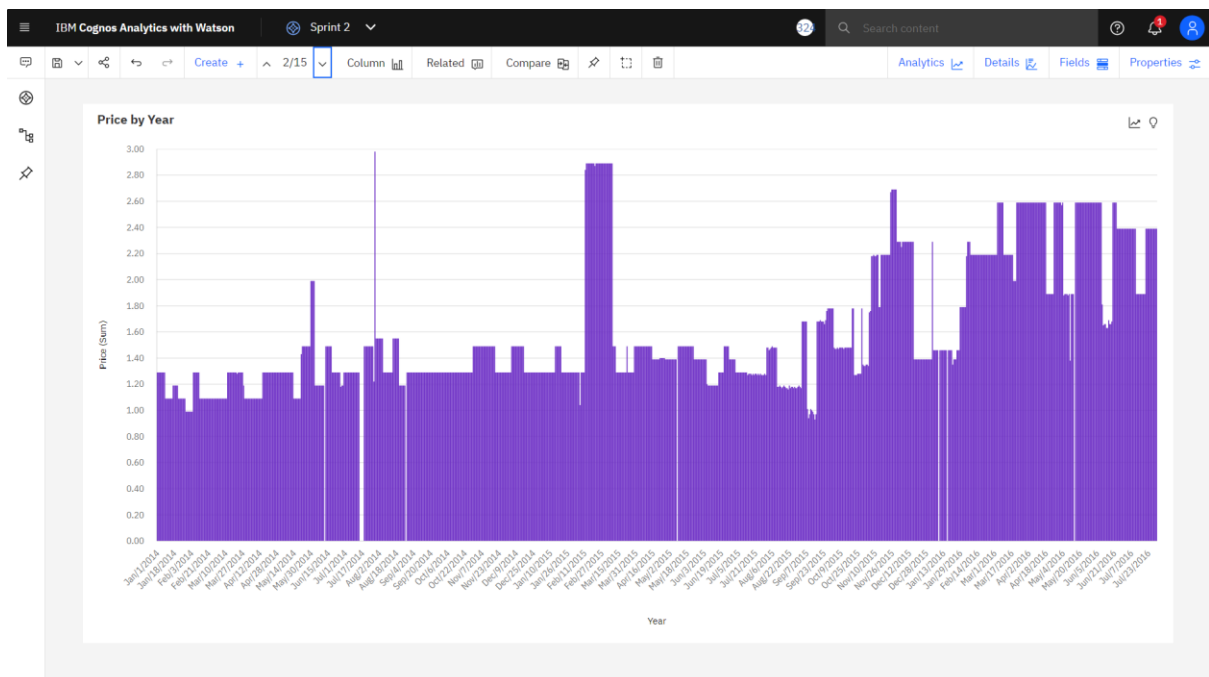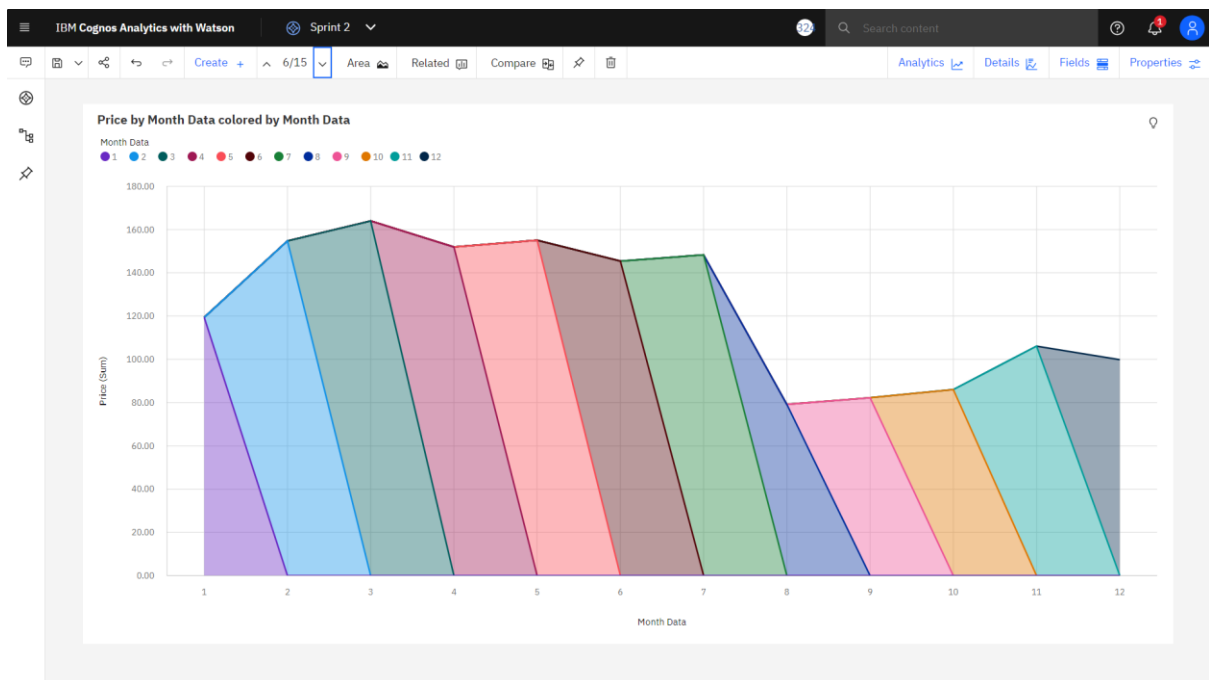
- **Stock by Year**
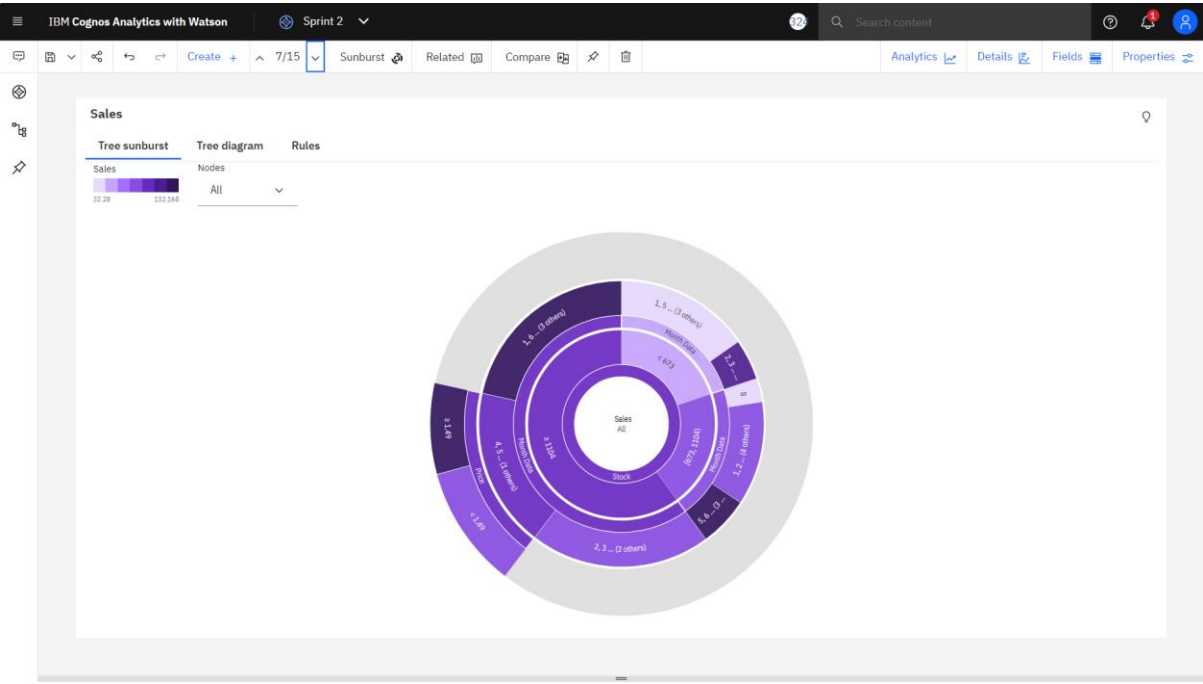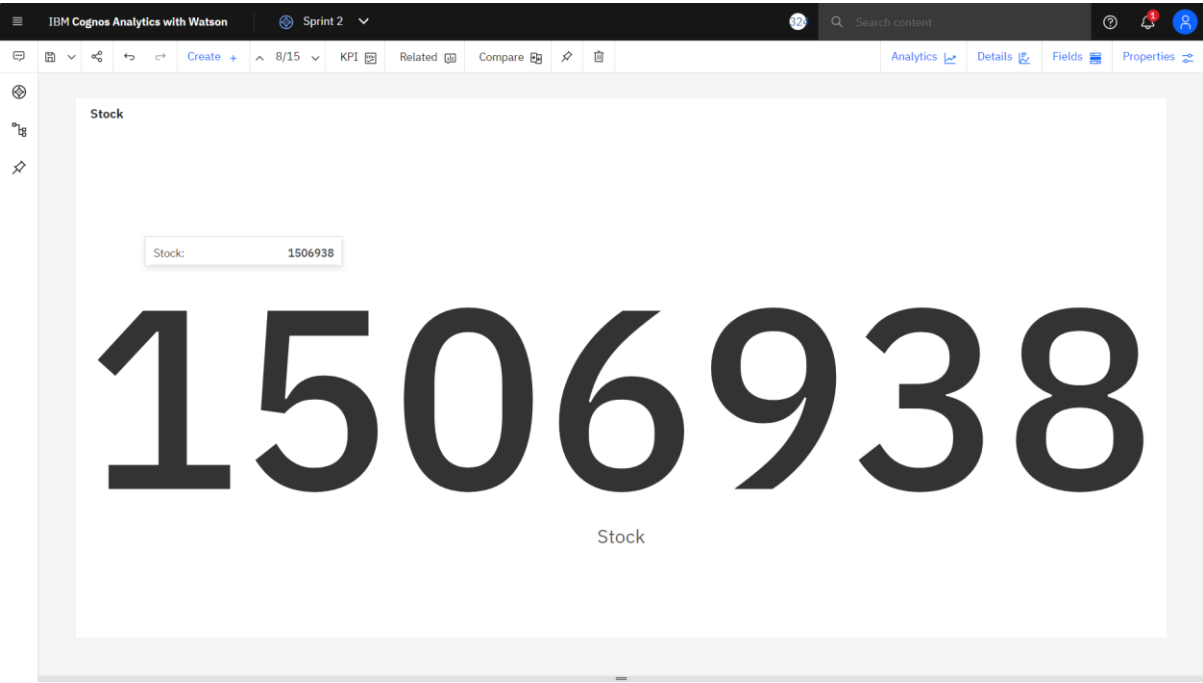

- **Sales by M_Data colored by M_Data**

- **Stock by M_Data colored by M_Data**

- **Price by M_Data colored by M_Data**

- **Sales Sunburst**

- **Stock Summary**

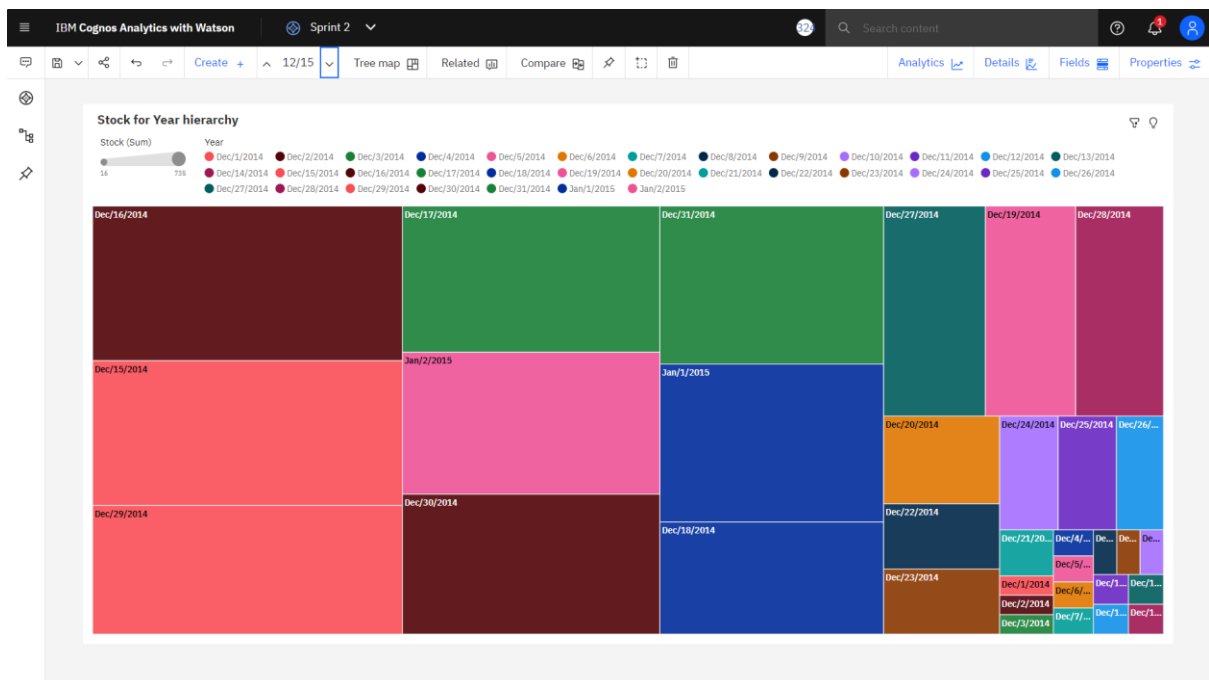- **Price Sunburst**

- **Year hierarchy colored by Year and sized by top 10 Sales**
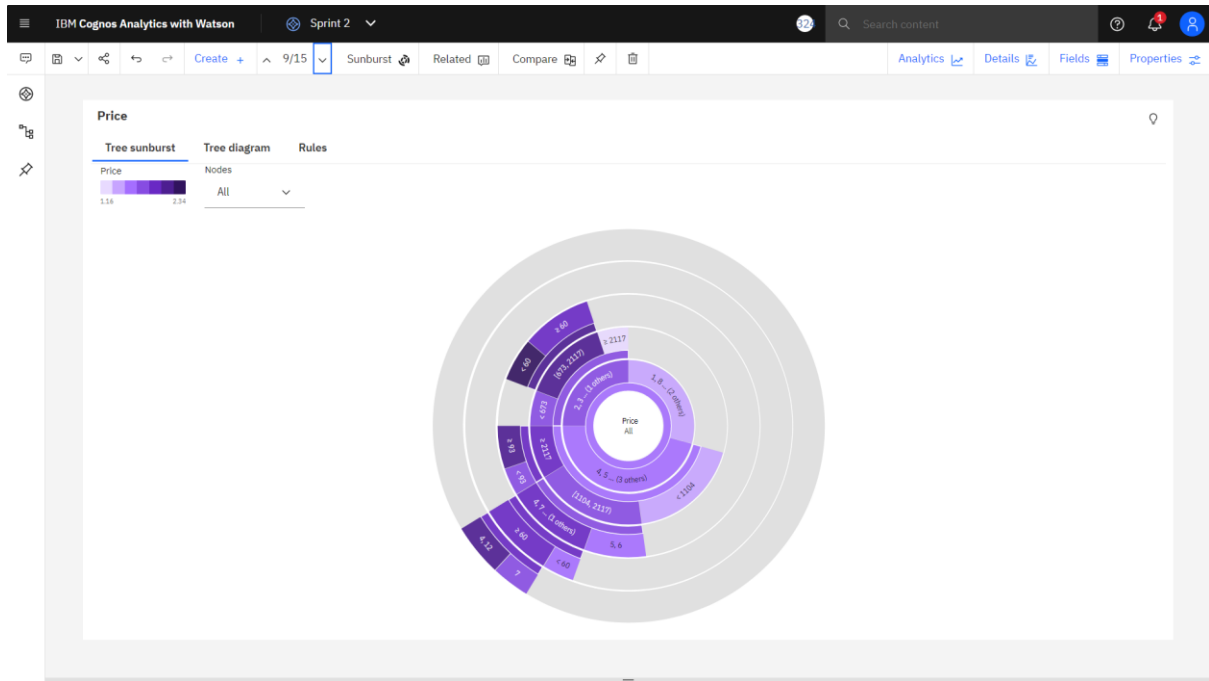
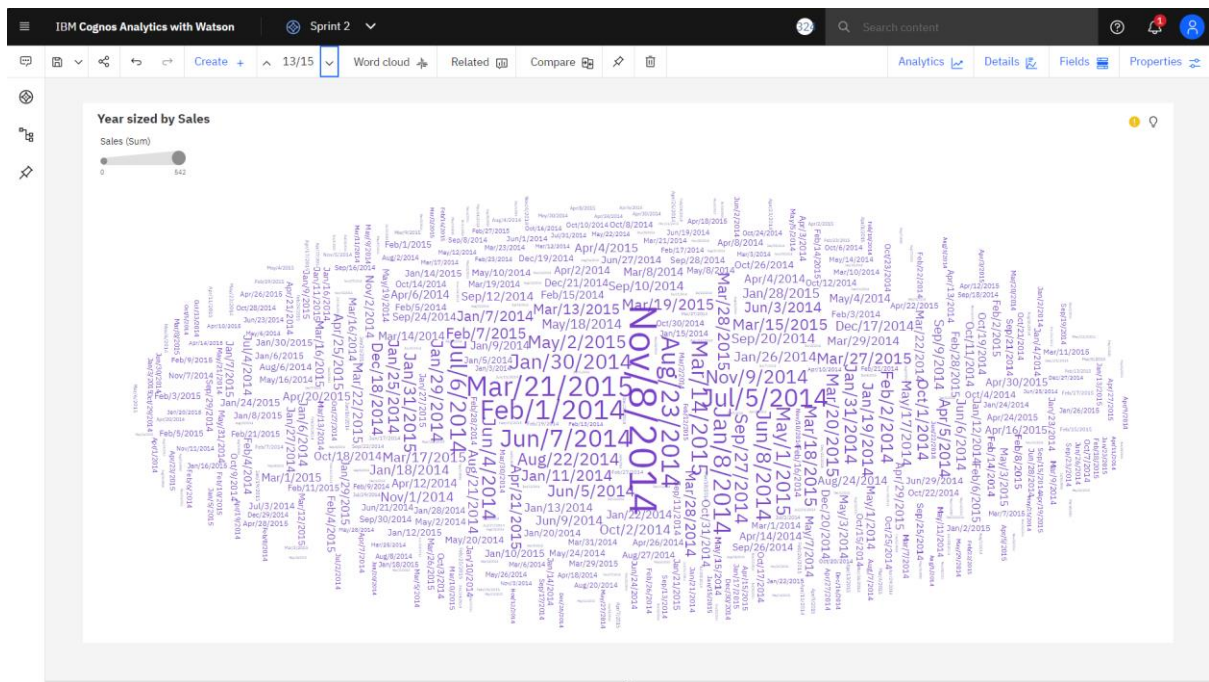● **Stock and Sales for M_Data colored by M_Data**
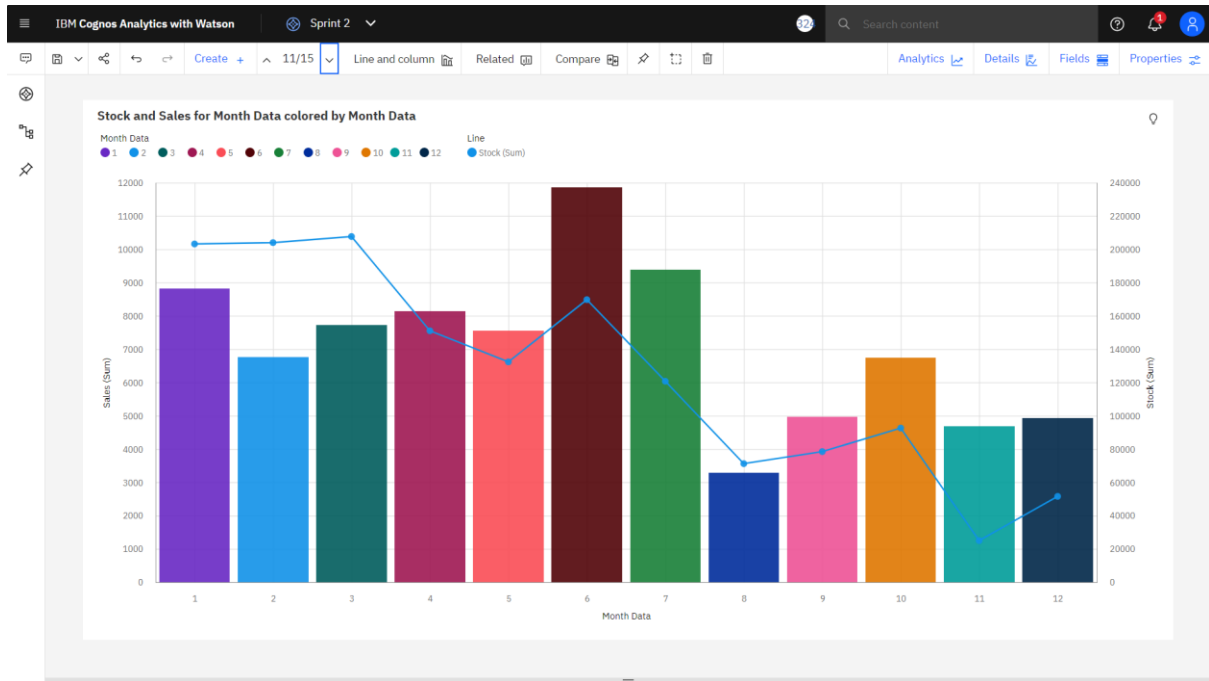
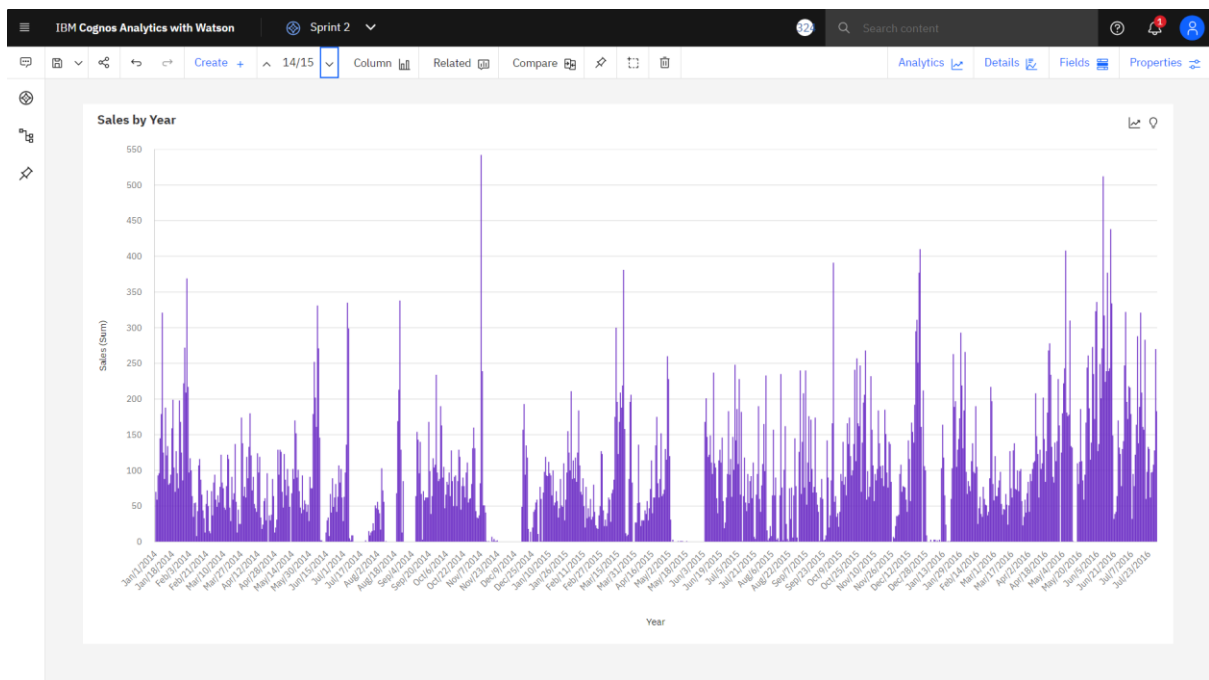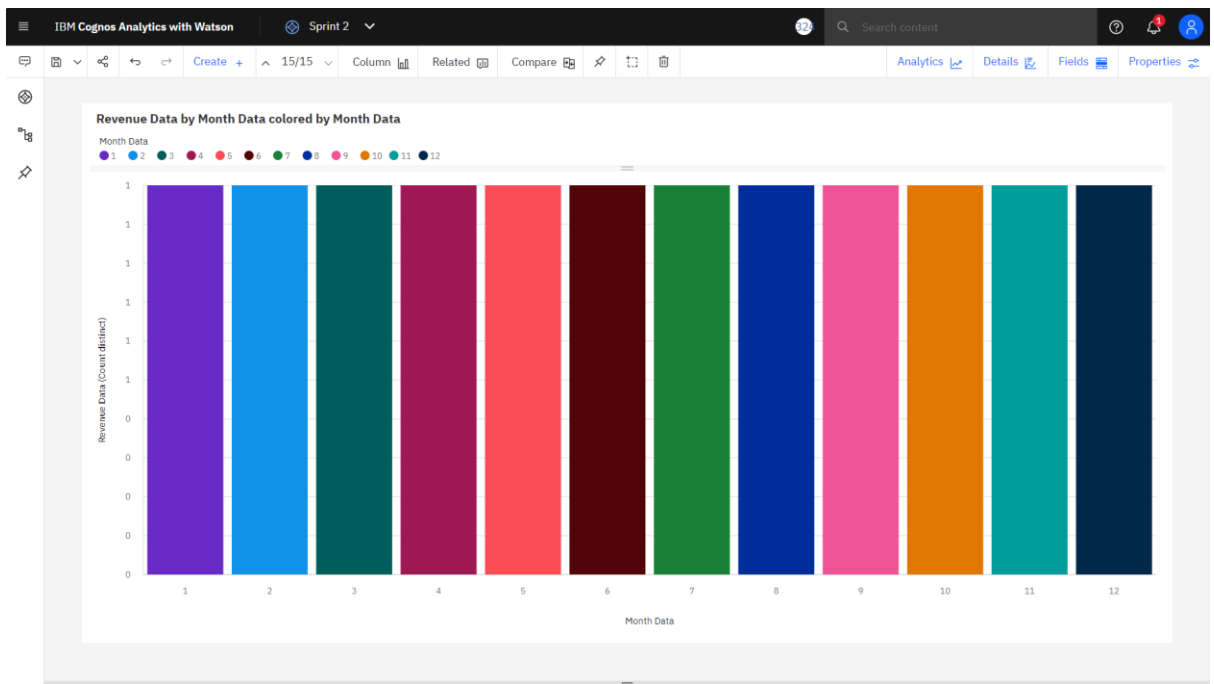● **Top 10 Stock for Year hierarchy**

- **Word cloud for Year sized by Sales**

- **Sales by Year**

● **Revenue by M_Data colored by M_Data**

Cognos Link:

https://us1.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my_folders%2FSprint%2B2&subView=model000001846c49bfab_00000003