# Project Development

# PHASE SPRINT-2

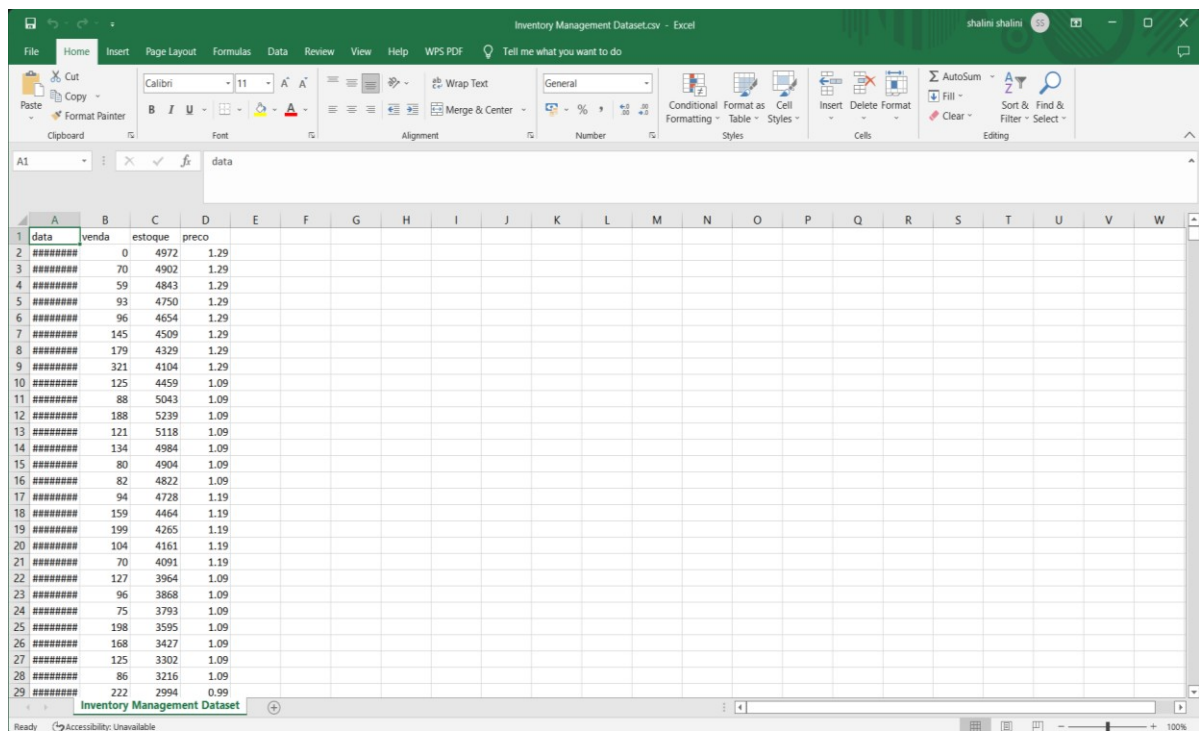| Team ID | PNT2022TMID22780 |
|---|---|
| Project Name | Project – Retail Store Stock Inventory Analytics |

**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
- ✓ Wordcloud for Year sized by Sales
- ✓ Revenue by Year
- ✓ Revenue by M_Data colored by M_Data
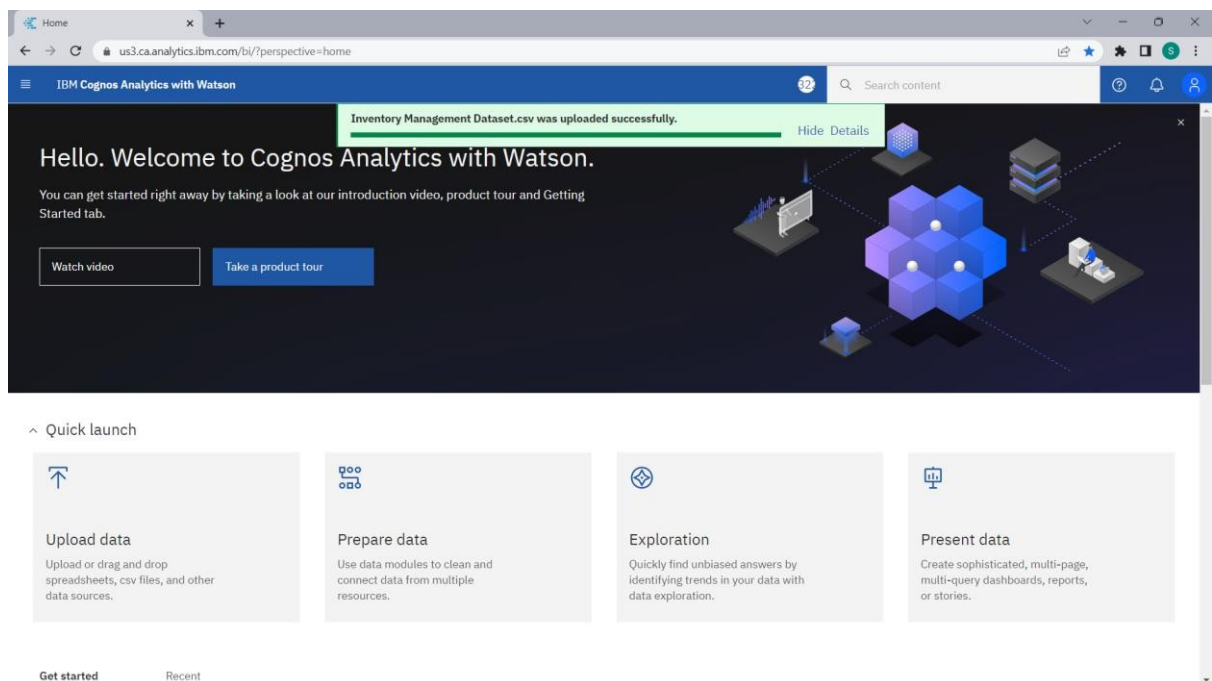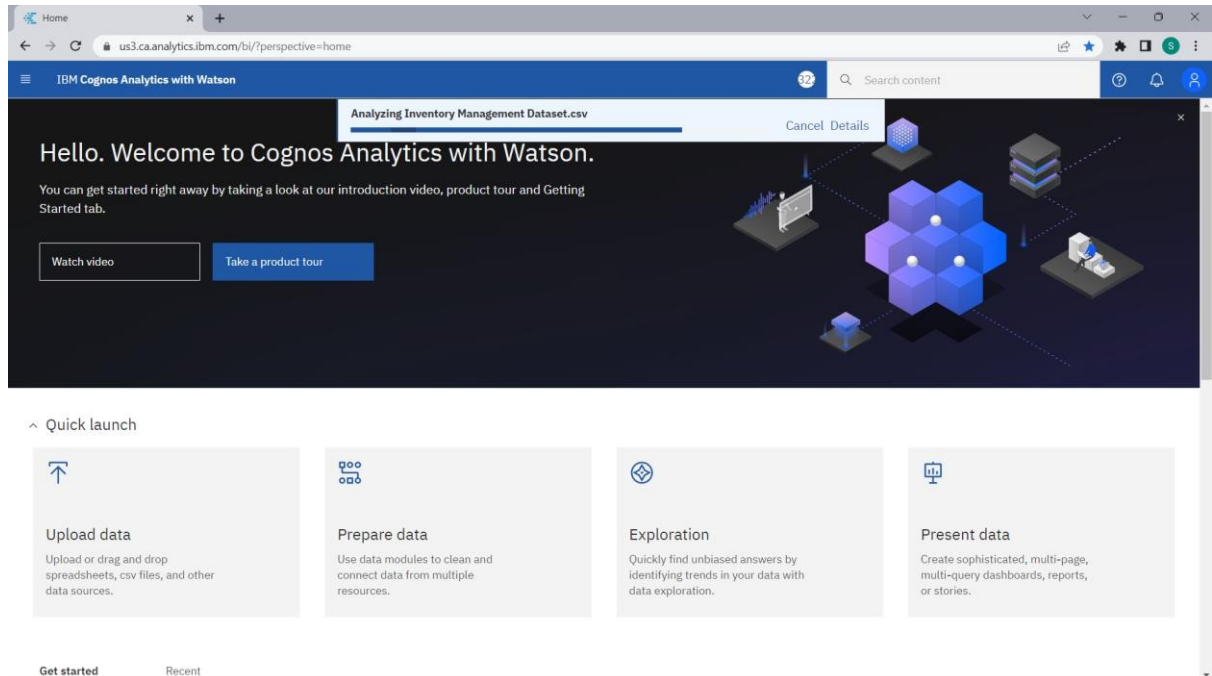
**DATA COLLECTION:**
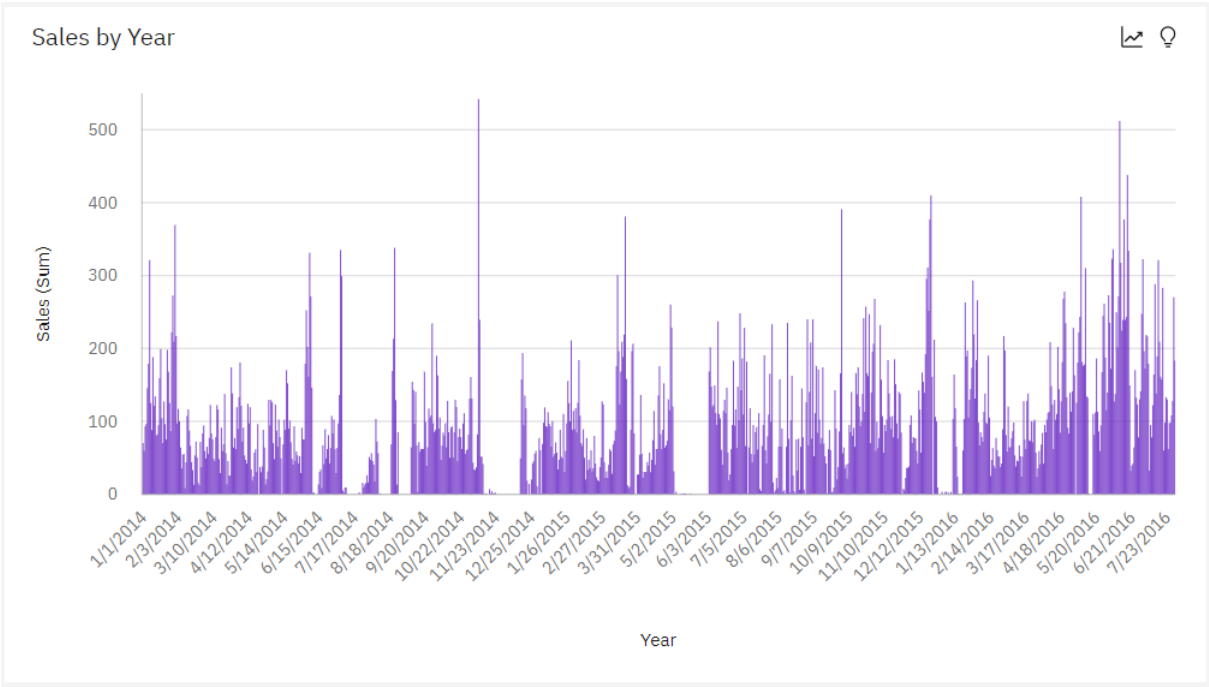
## 1. Download the dataset

## 2. Loading the dataset

Tool Used – IBM Cognos Analytics

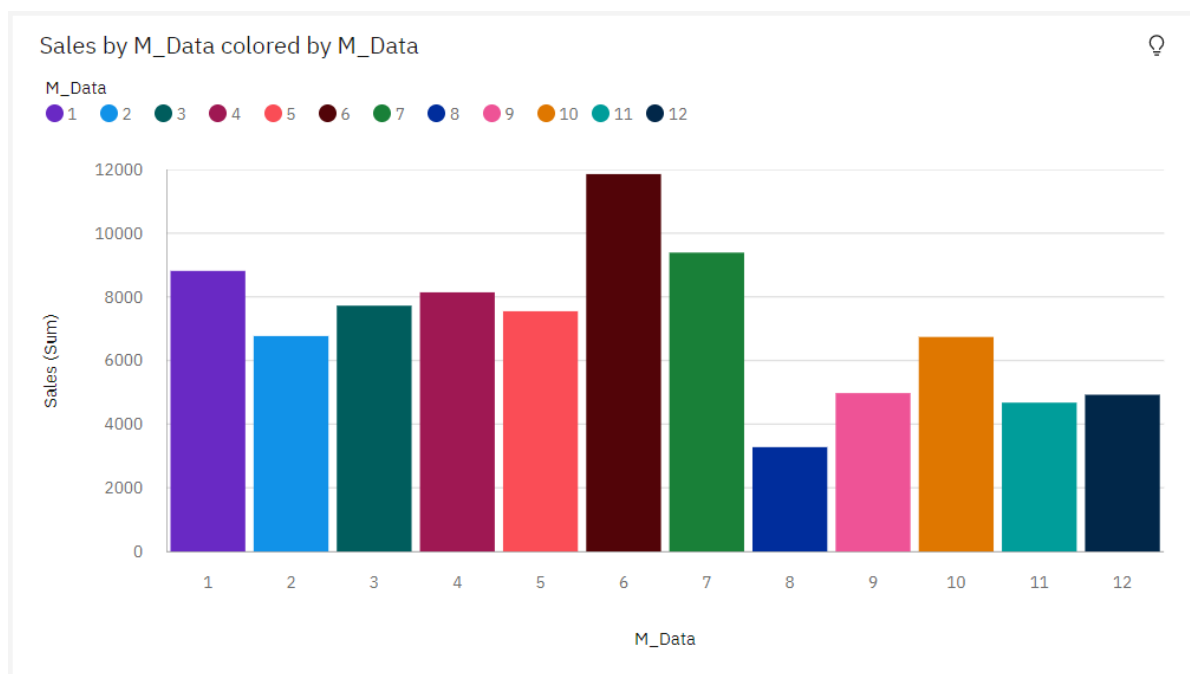**DATA EXPLORATION:**
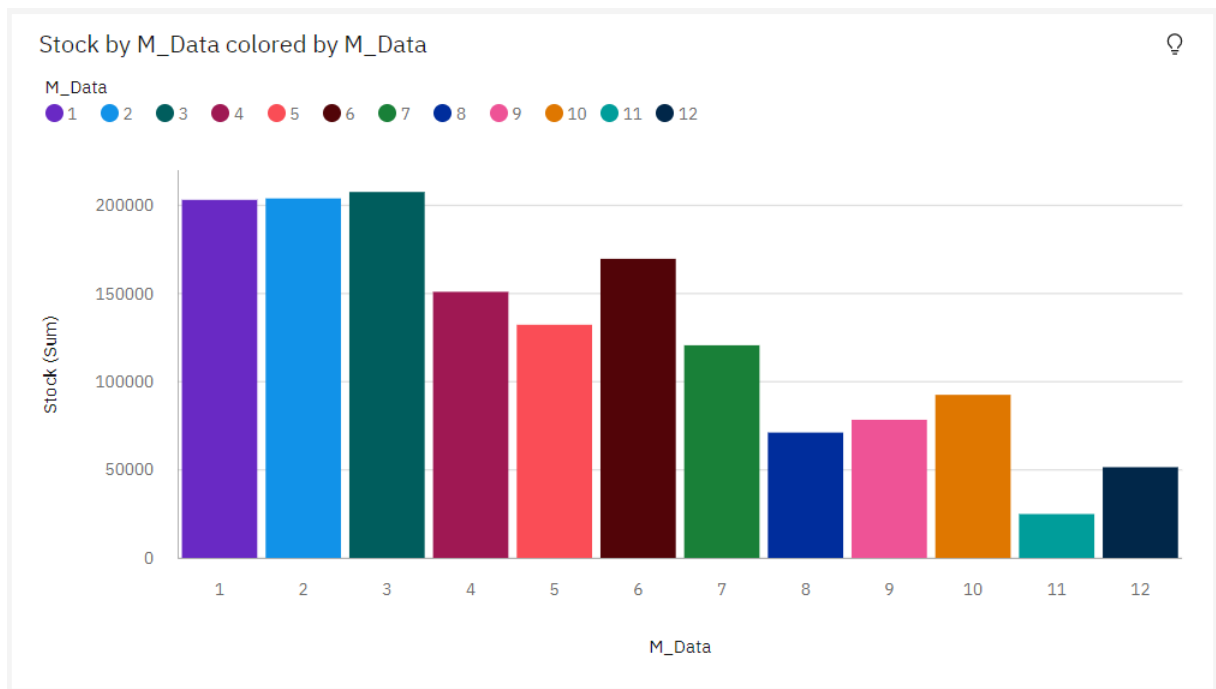
**1. Sales by Year:**



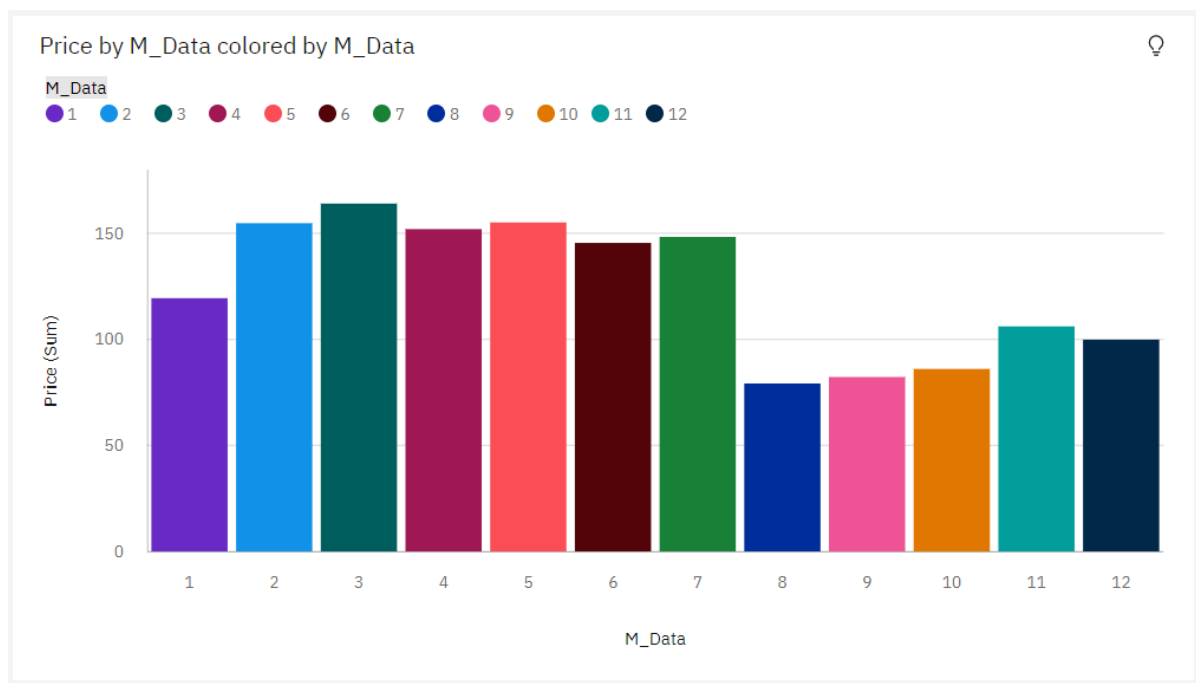**2. Price by Year:**
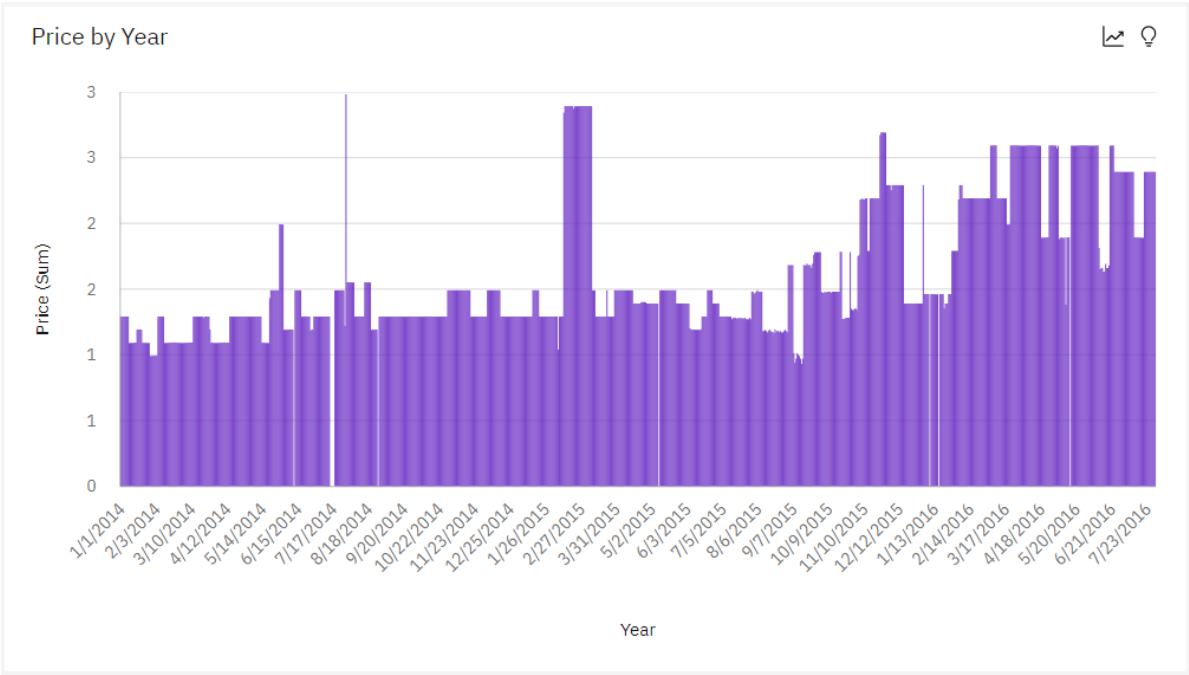
## 3. Stock by Year:
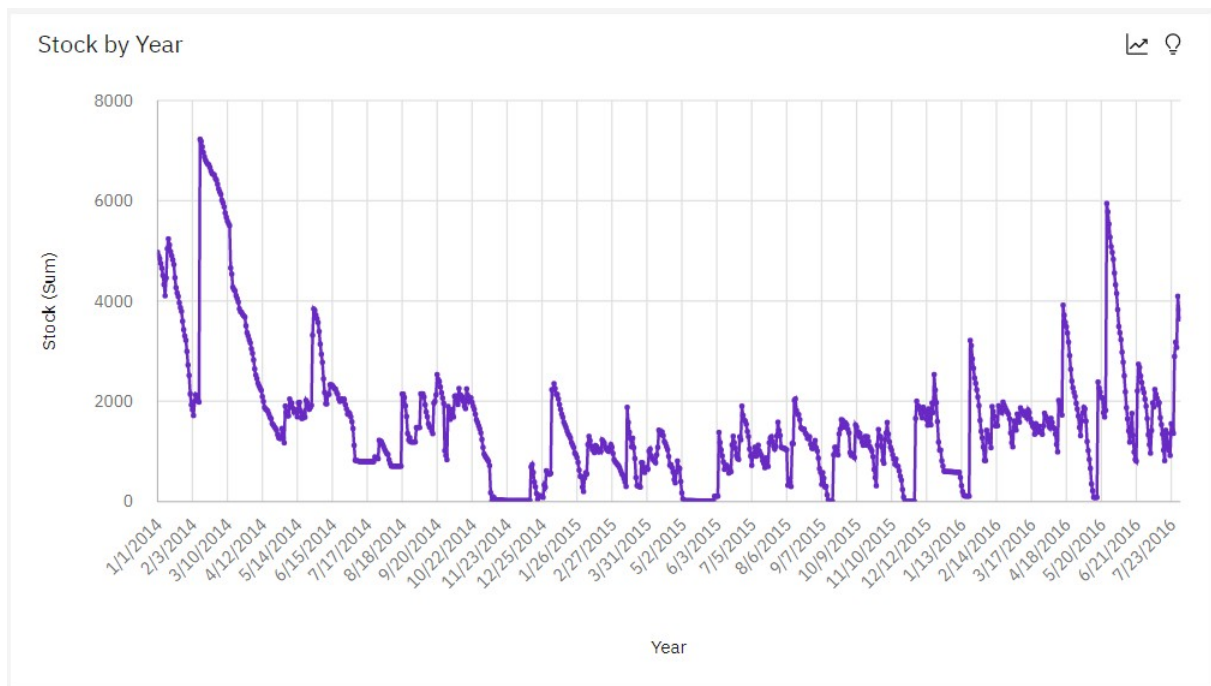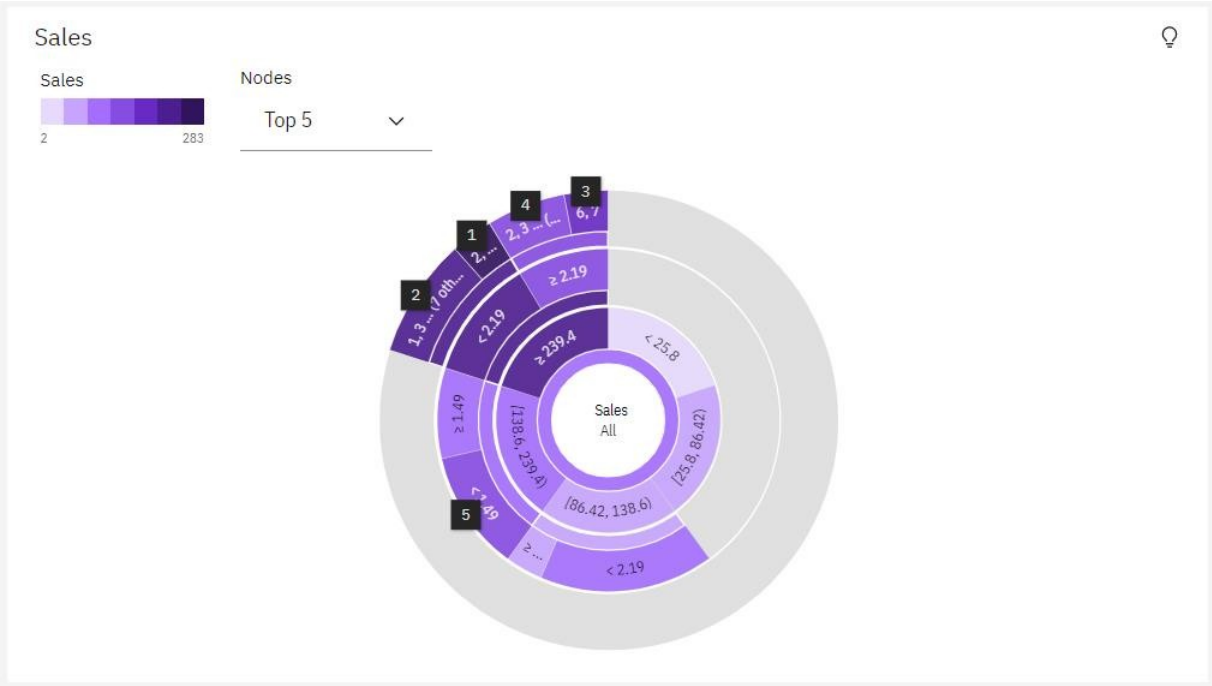


## 4. Sales by M_Data colored by M_Data:
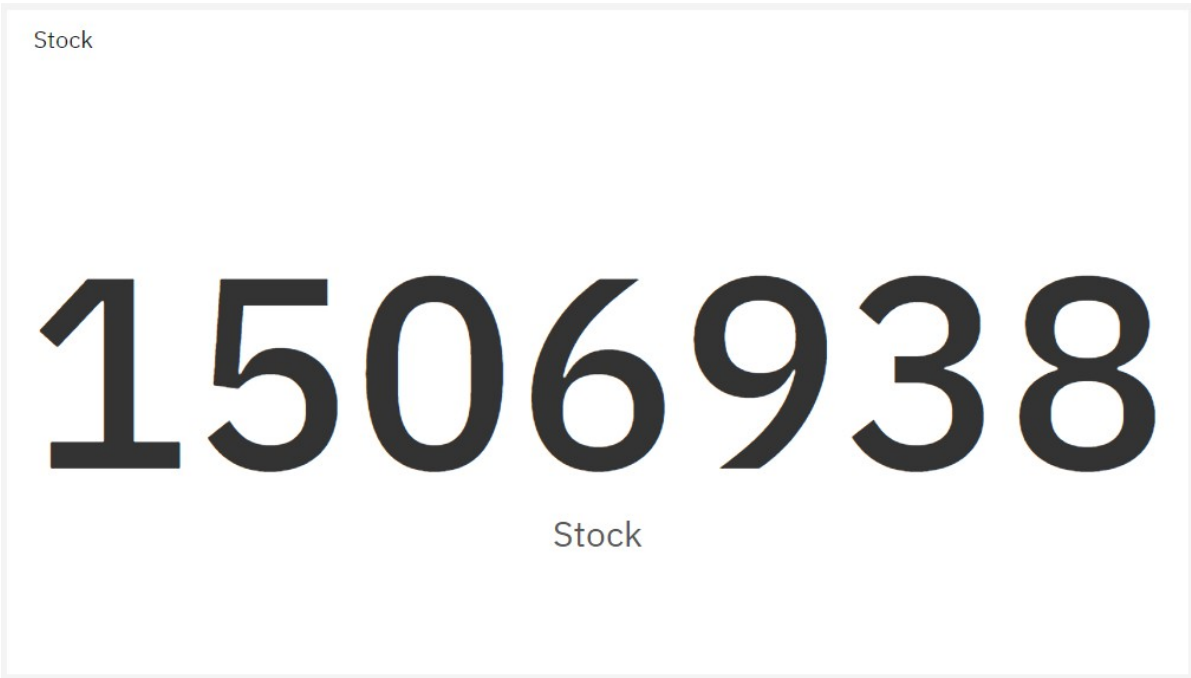
## 5. Stock by M_Data colored by M_Data:



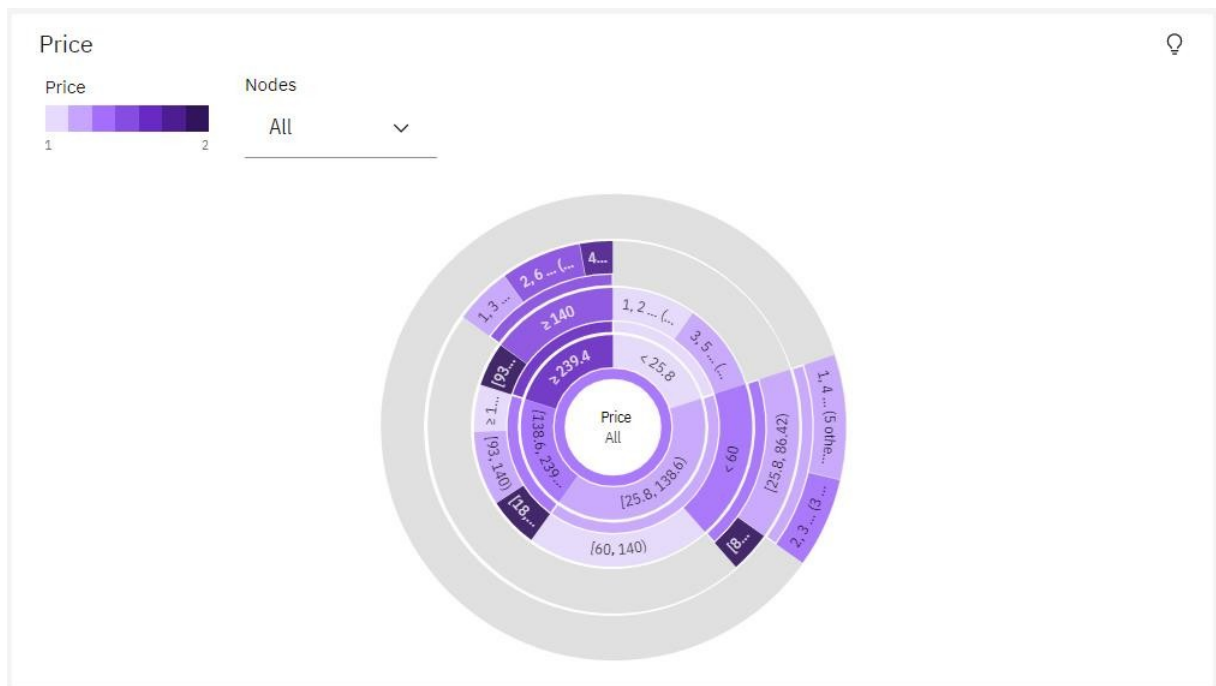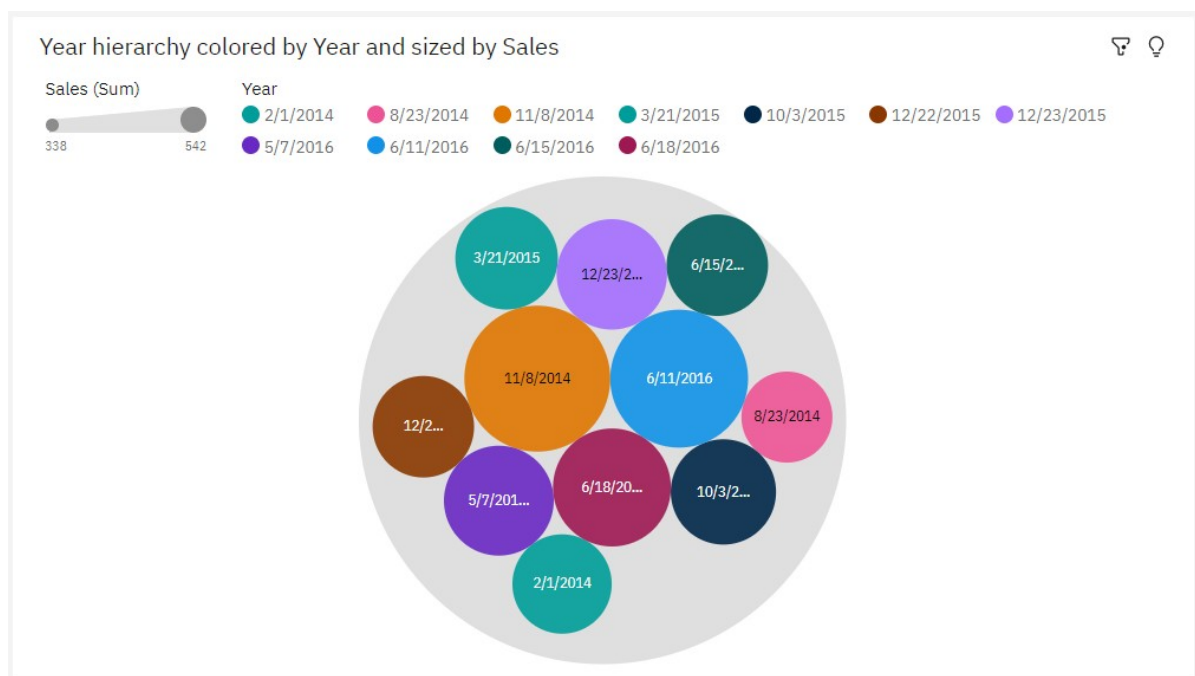## 6. Price by M_Data colored by M_Data:

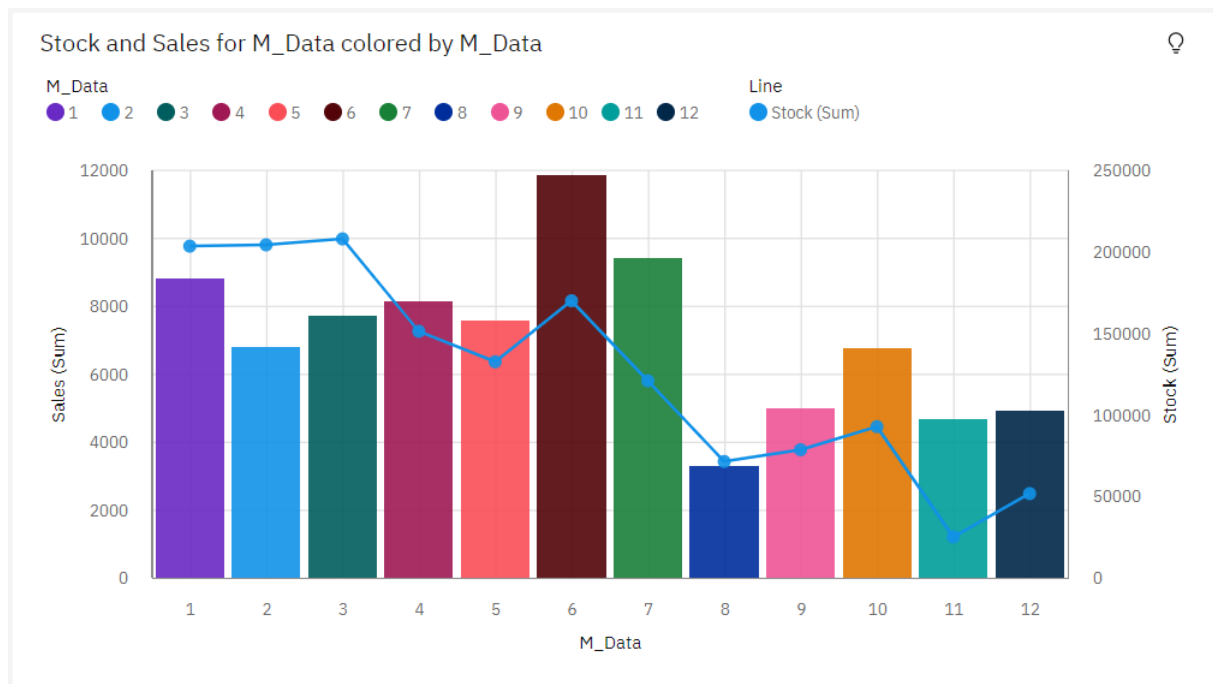## 7. Sales Sunburst:



## 8. Stock Summary:
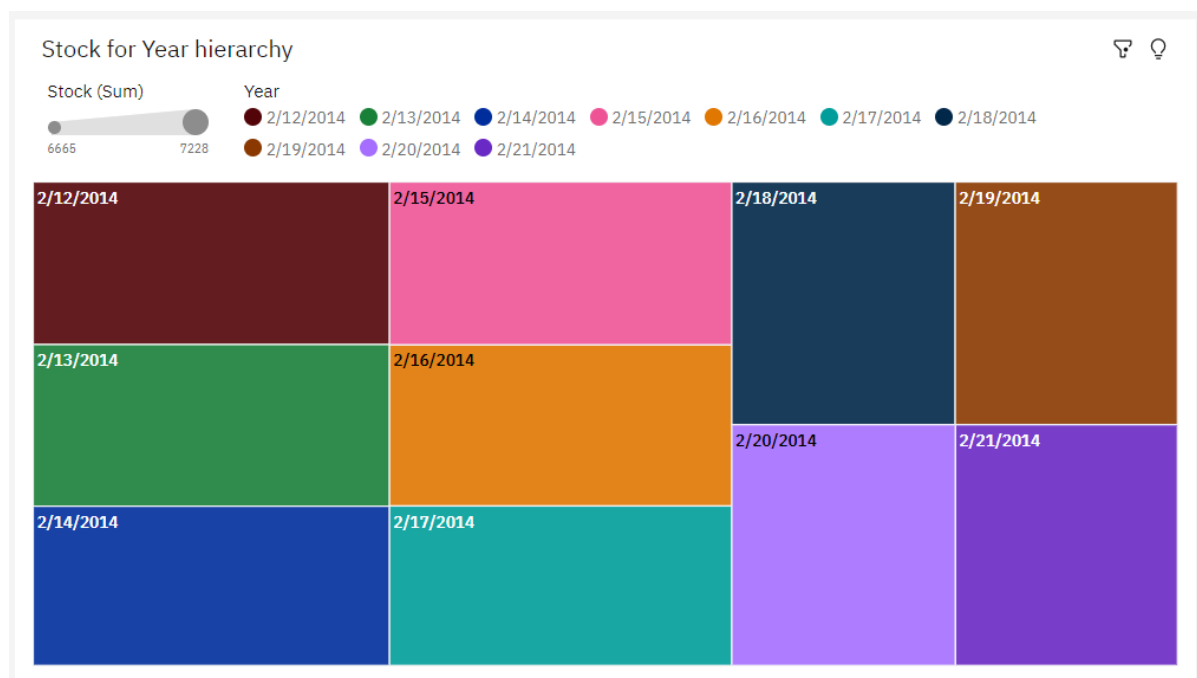
## 9. Price Sunburst:



## 10. Year hierarchy colored by Year and sized by top 10 Sales:
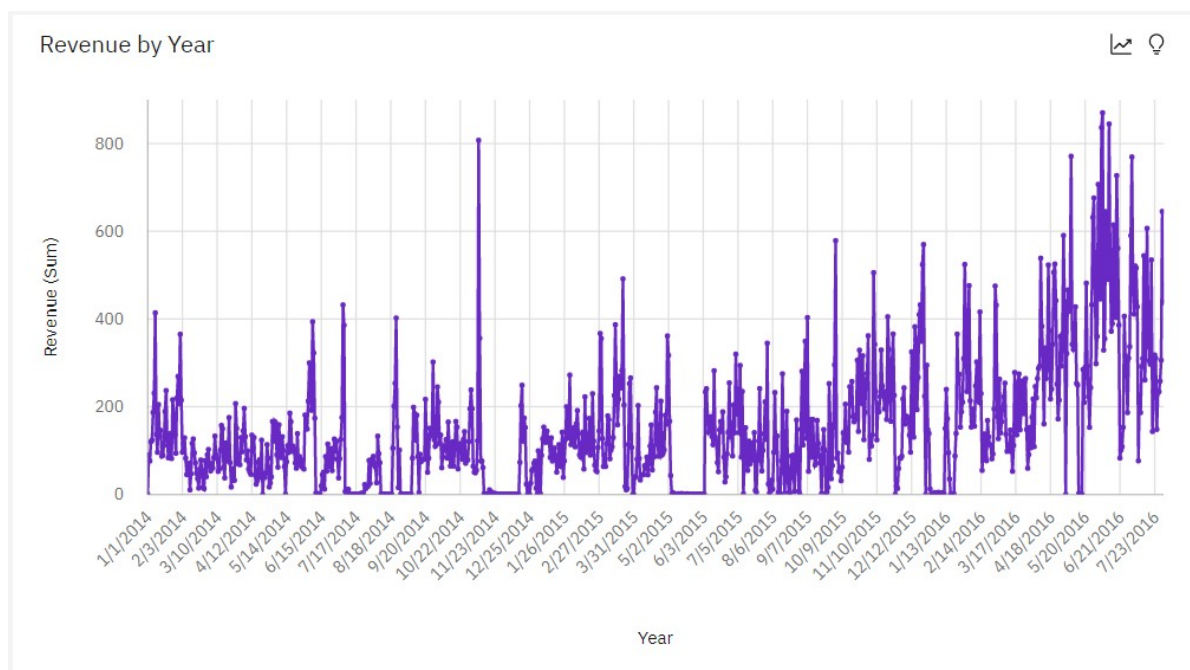
## 11. Stock and Sales for M_Data colored by M_Data:



## 12. Top 10 Stock for Year hierarchy:

## 13. Wordcloud for Year sized by Sales:



## 14. Revenue by Year:

## 15. Revenue by M_Data colored by M_Data:



Revenue by M_Data colored by M_Data