

Project Development

PHASE SPRINT-2

Team ID	PNT2022TMID45379
Project Name	Project – Retail Store Stock InventoryAnalytics

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

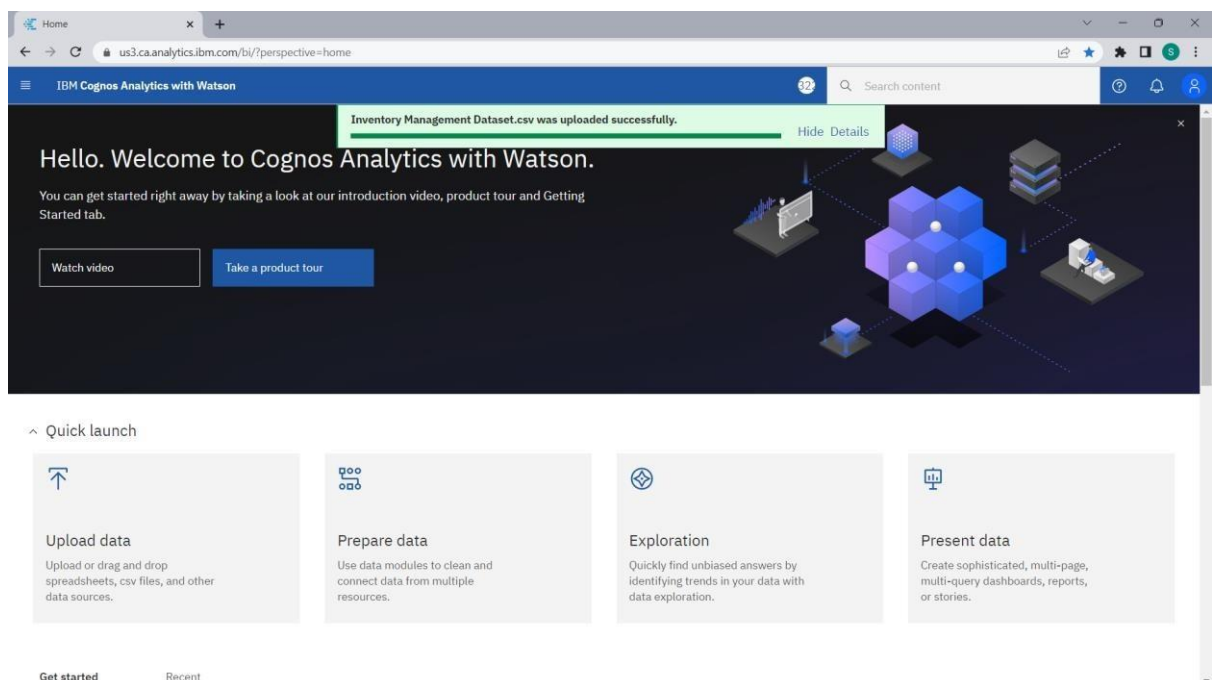
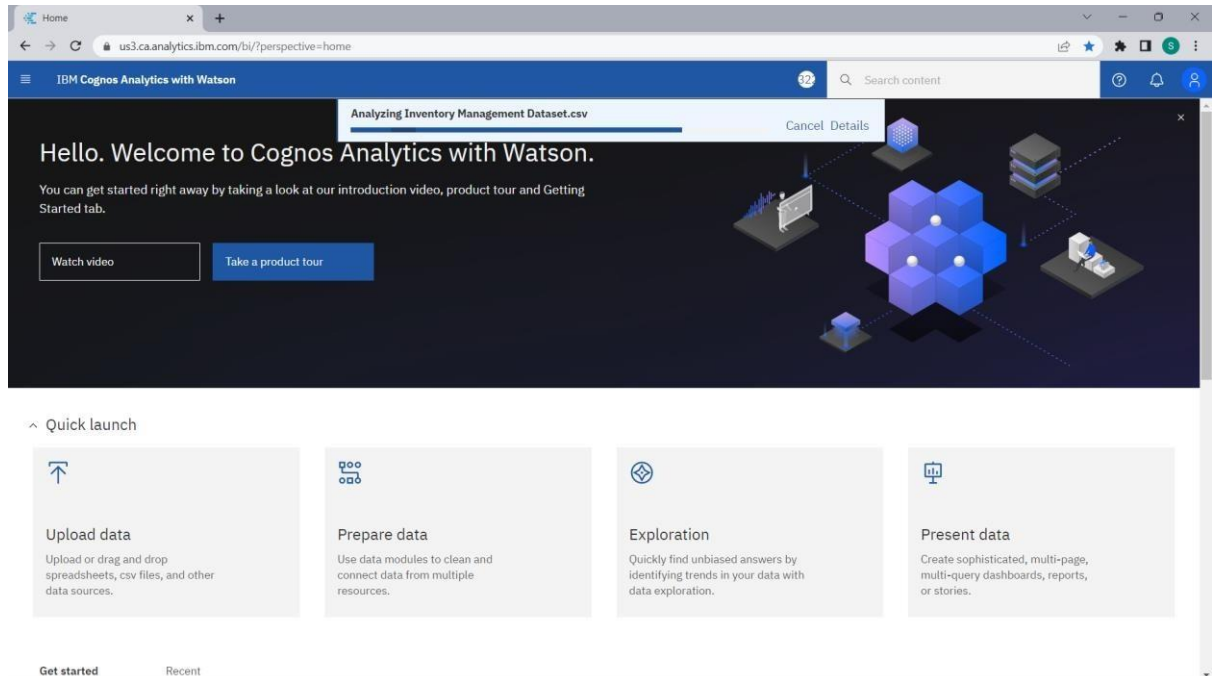
The screenshot displays the Microsoft Excel interface with the 'Inventory Management Dataset' open. The ribbon is set to the 'Home' tab, showing options for Font, Alignment, Number, Styles, Cells, and Editing. The spreadsheet contains a table with 4 columns (A, B, C, D) and 29 rows. The data is as follows:

data	venda	estoque	preco
0	4972	1.29	
70	4902	1.29	
59	4843	1.29	
93	4750	1.29	
96	4654	1.29	
145	4509	1.29	
179	4329	1.29	
321	4104	1.29	
125	4459	1.09	
88	5043	1.09	
188	5239	1.09	
121	5118	1.09	
134	4984	1.09	
80	4904	1.09	
82	4822	1.09	
94	4728	1.19	
159	4464	1.19	
199	4265	1.19	
104	4161	1.19	
70	4091	1.19	
127	3964	1.09	
96	3868	1.09	
75	3793	1.09	
198	3595	1.09	
168	3427	1.09	
125	3302	1.09	
86	3216	1.09	
222	2994	0.99	

The status bar at the bottom indicates 'Ready' and 'Accessibility: Unavailable'.

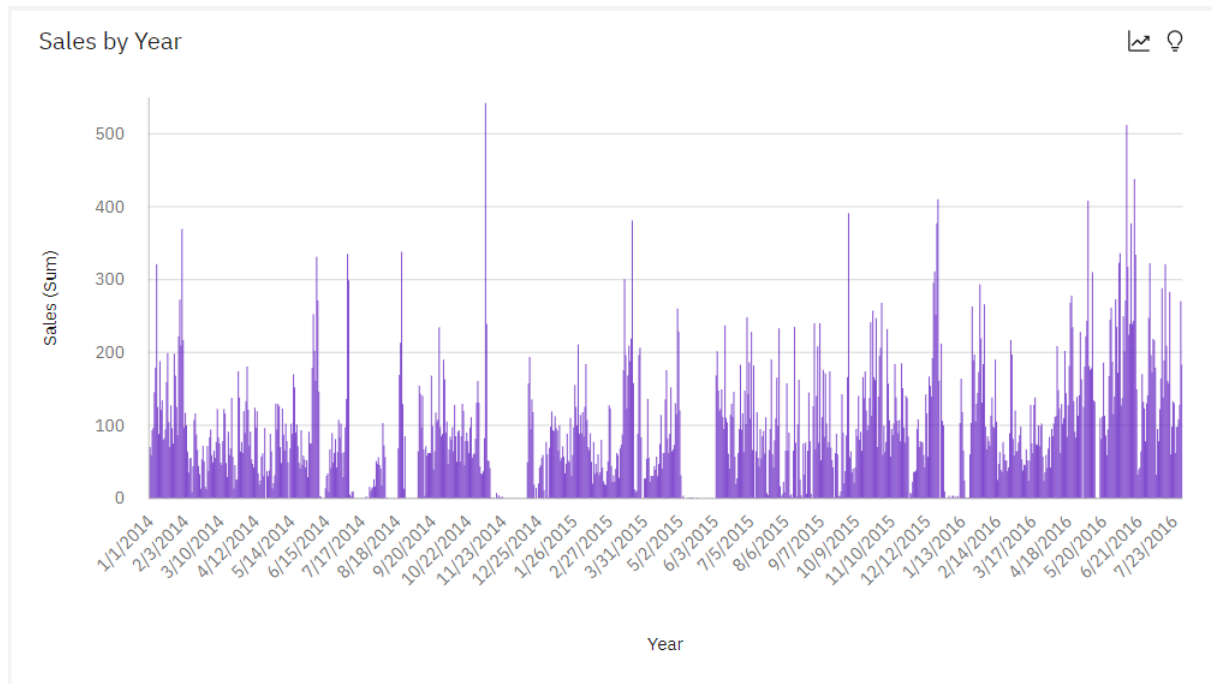
2. Loading the dataset

Tool Used – IBM Cognos Analytics

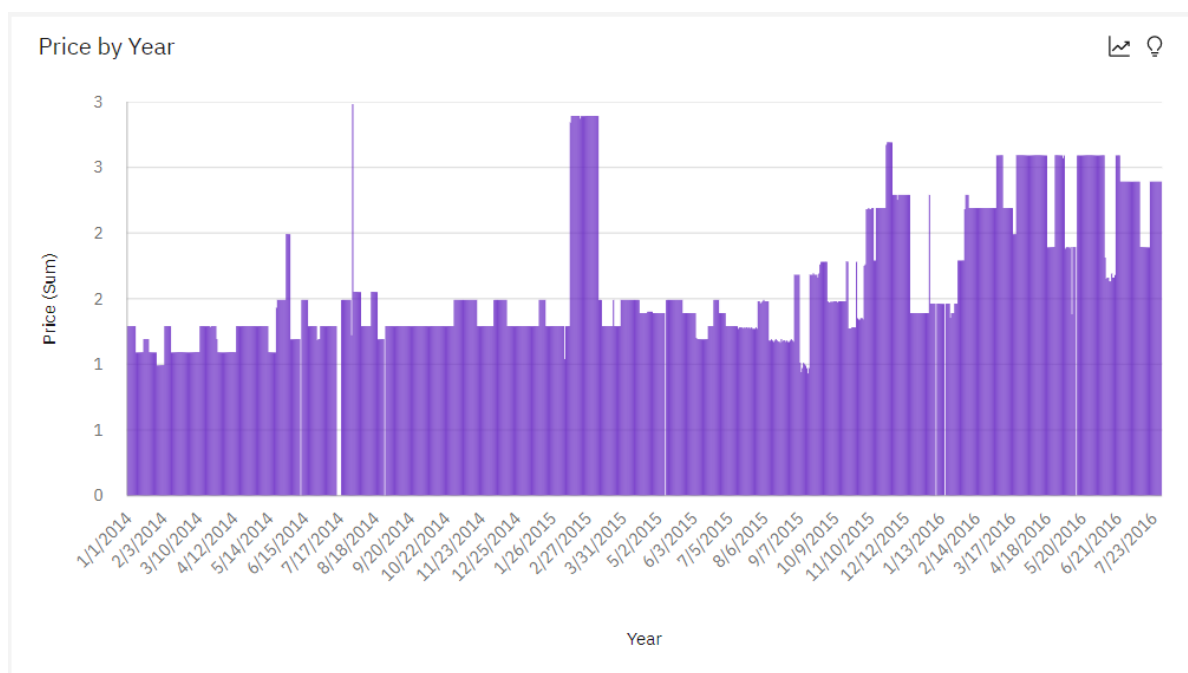


DATA EXPLORATION:

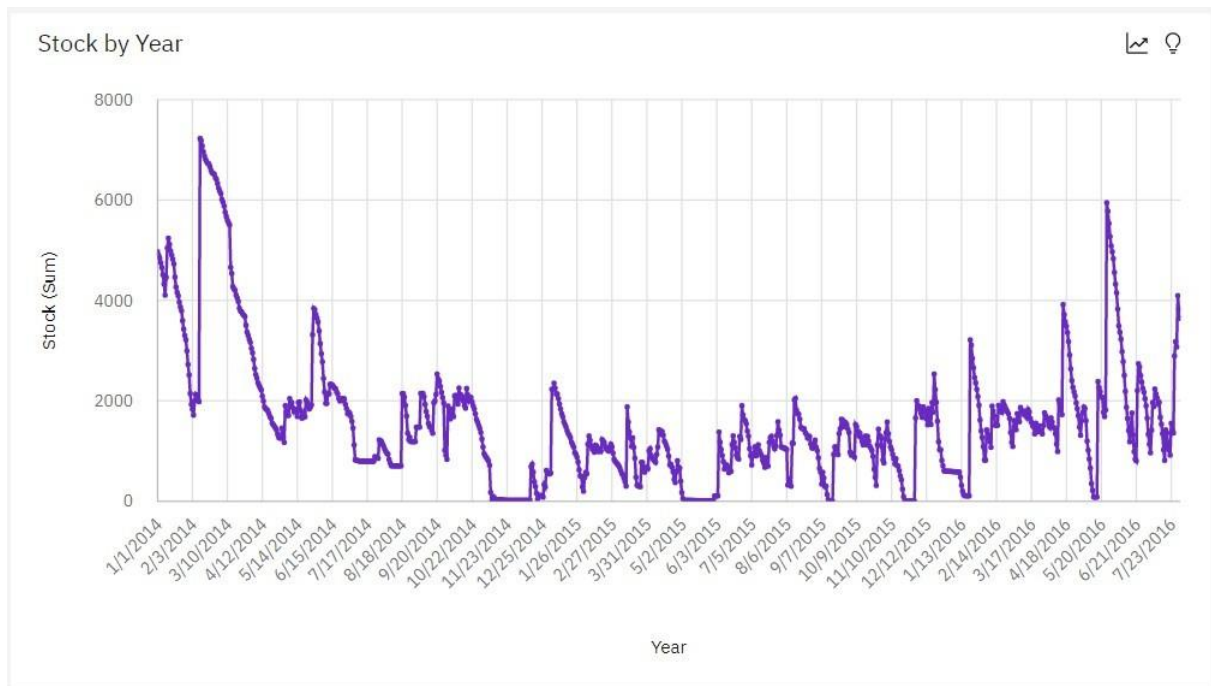
1. Sales by Year:



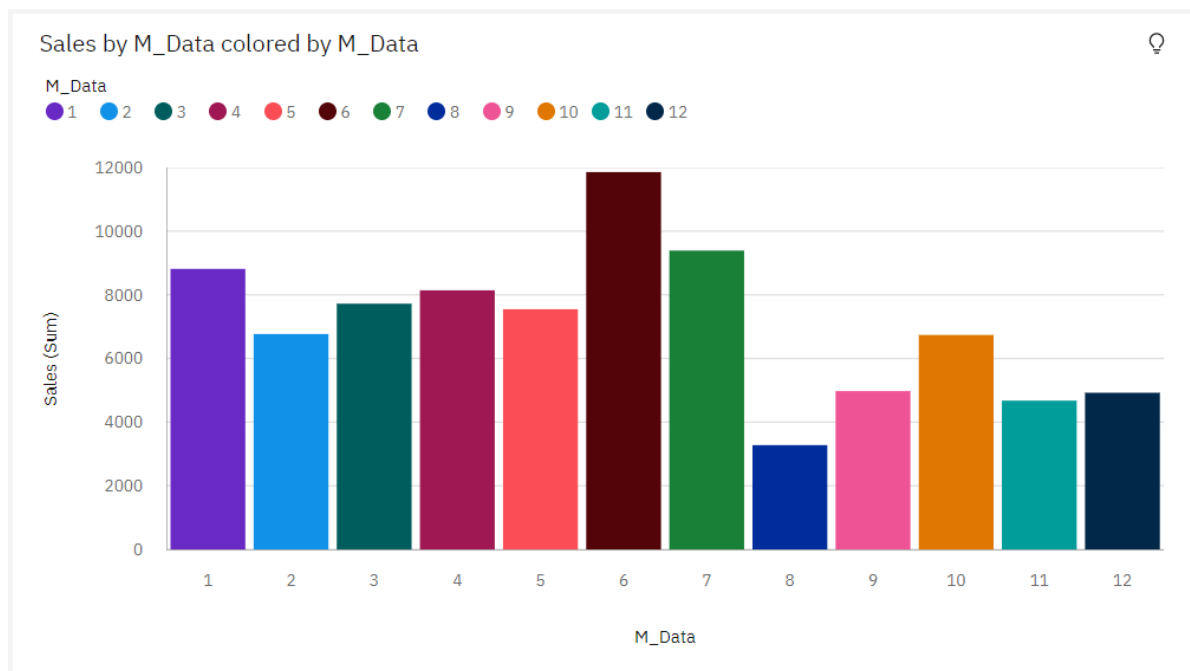
2. Price by Year:



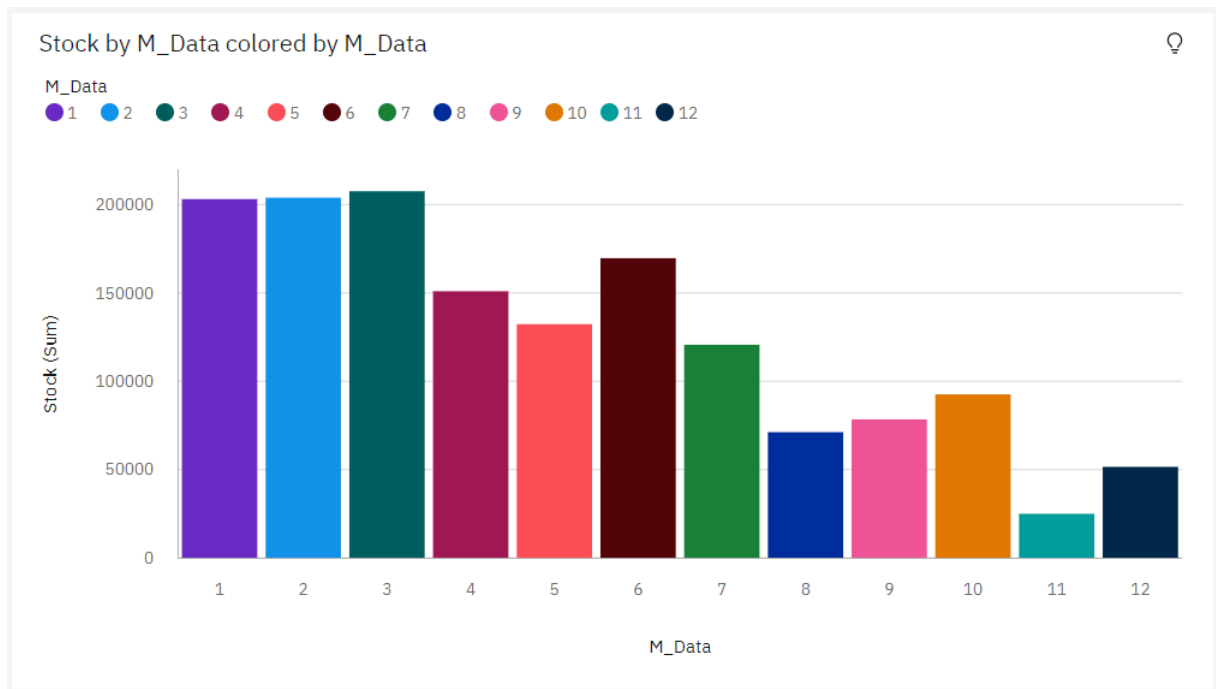
3. Stock by Year:



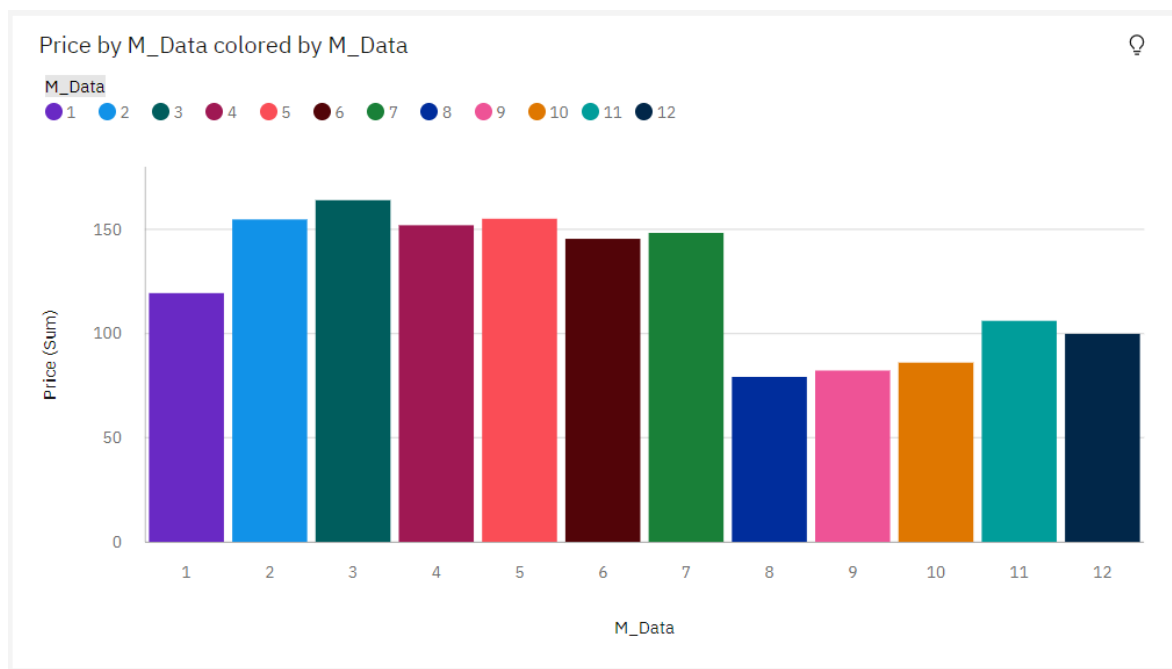
4. Sales by M_Data colored by M_Data:



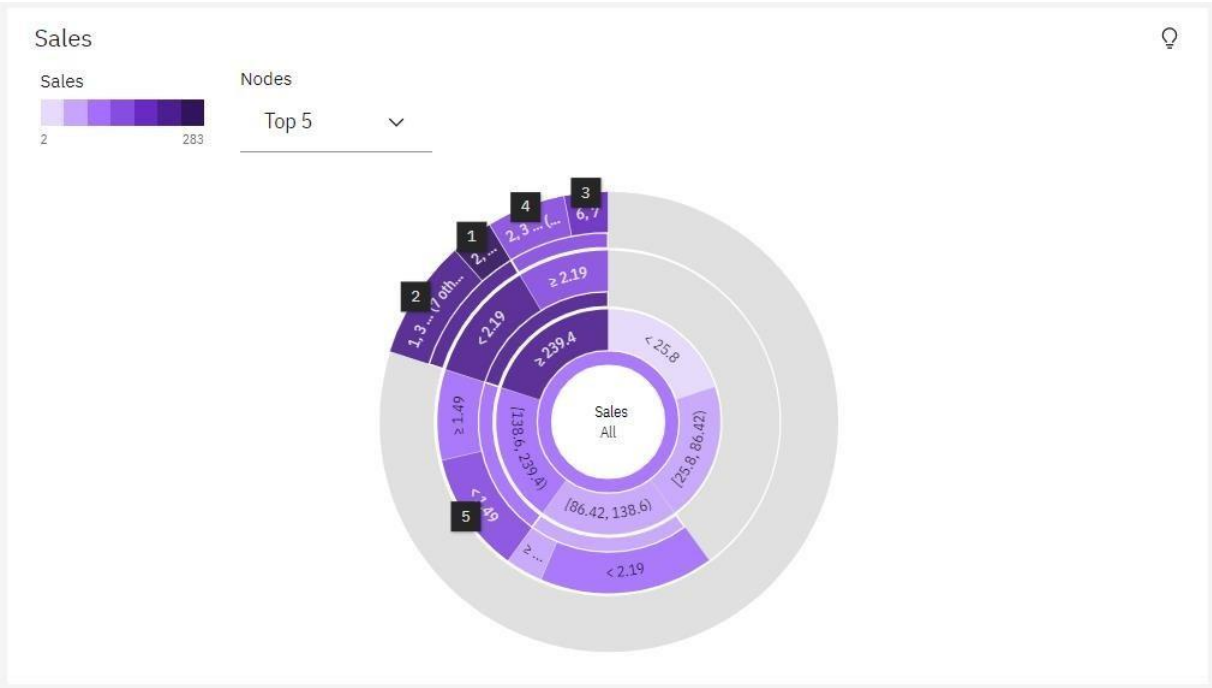
5. Stock by M_Data colored by M_Data:



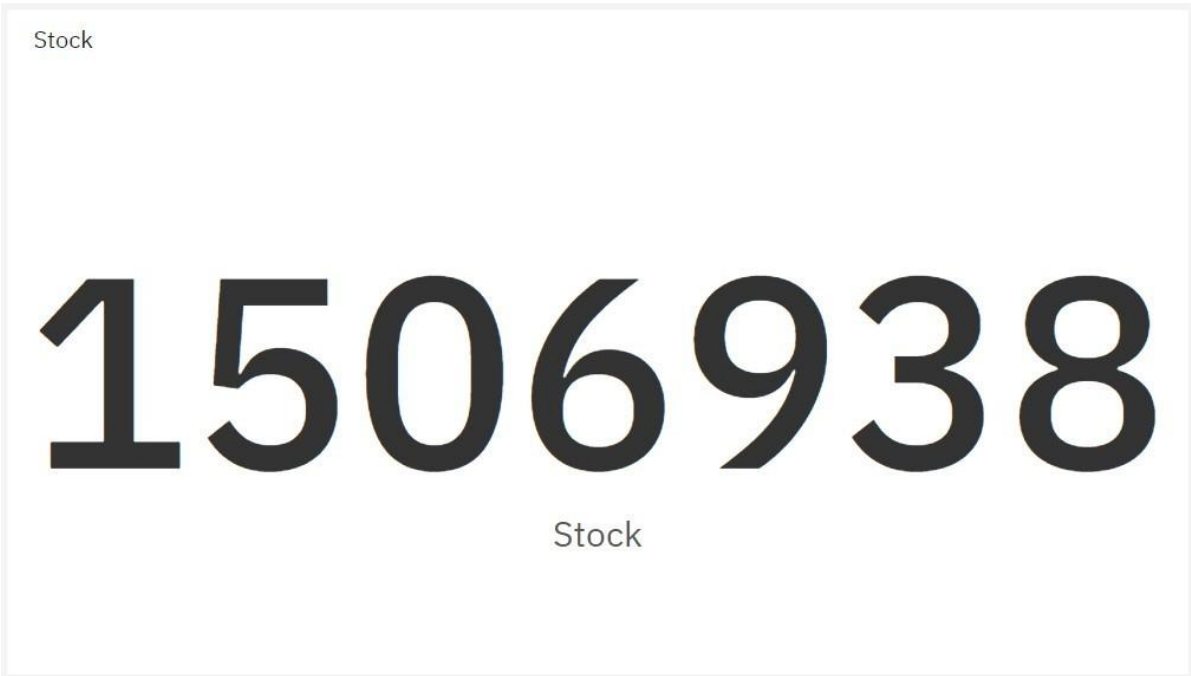
6. Price by M_Data colored by M_Data:



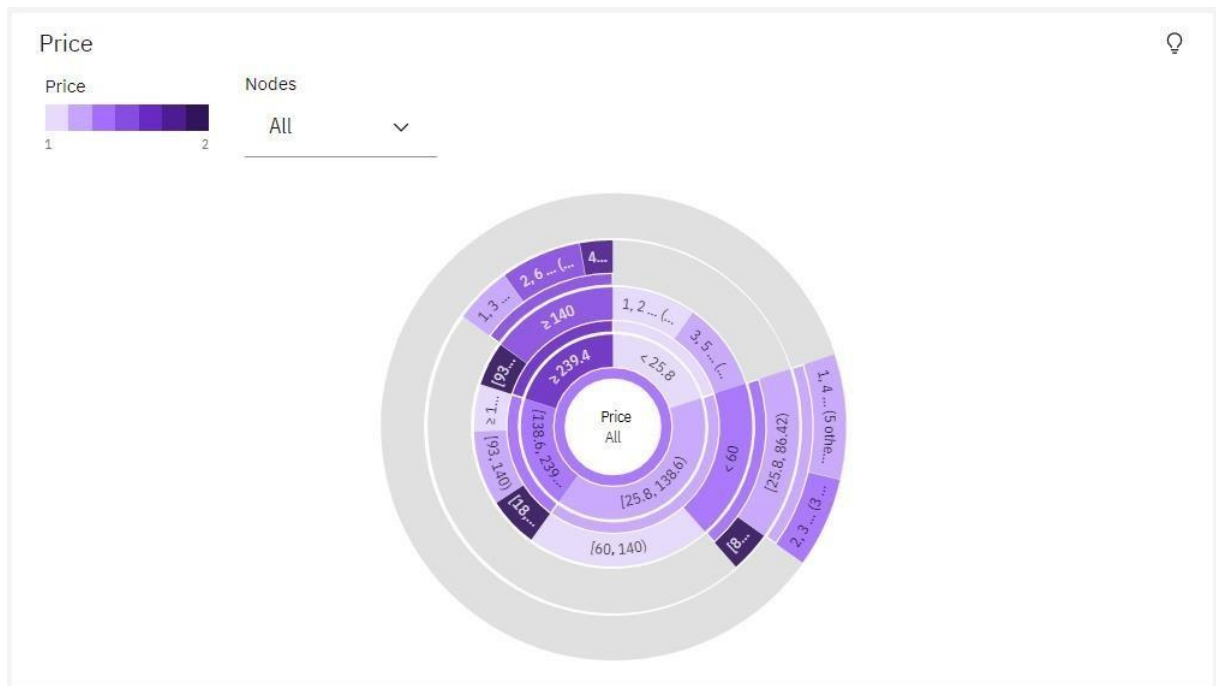
7. Sales Sunburst:



8. Stock Summary:



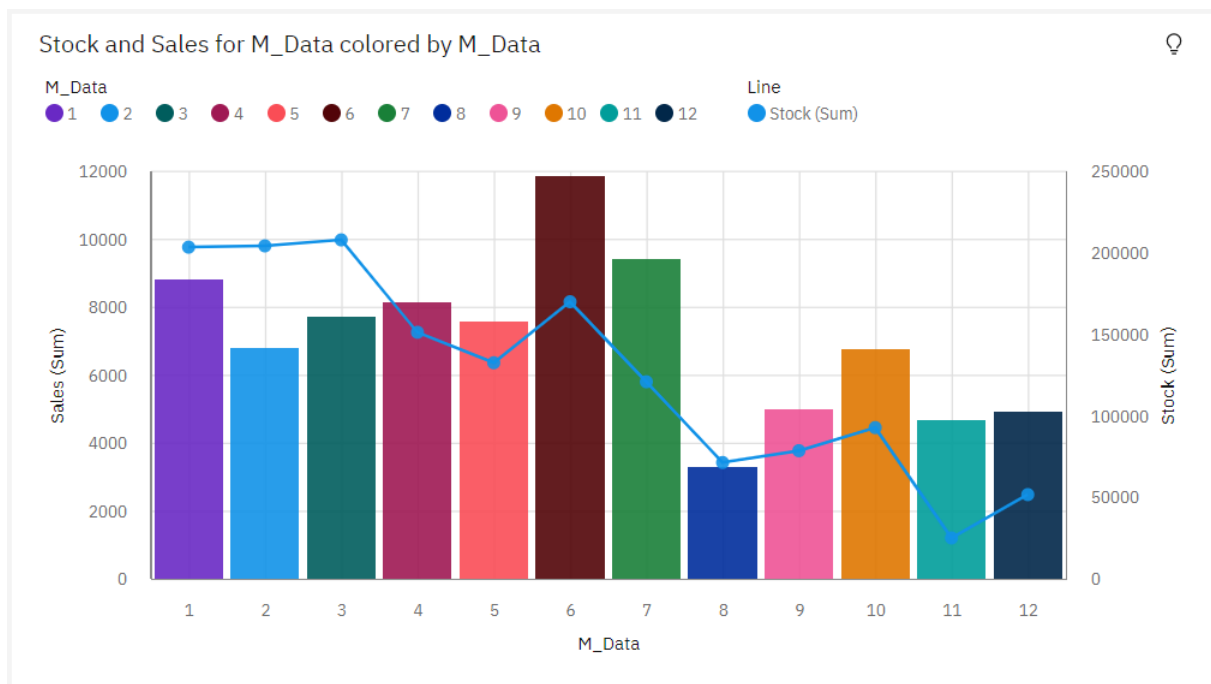
9. Price Sunburst:



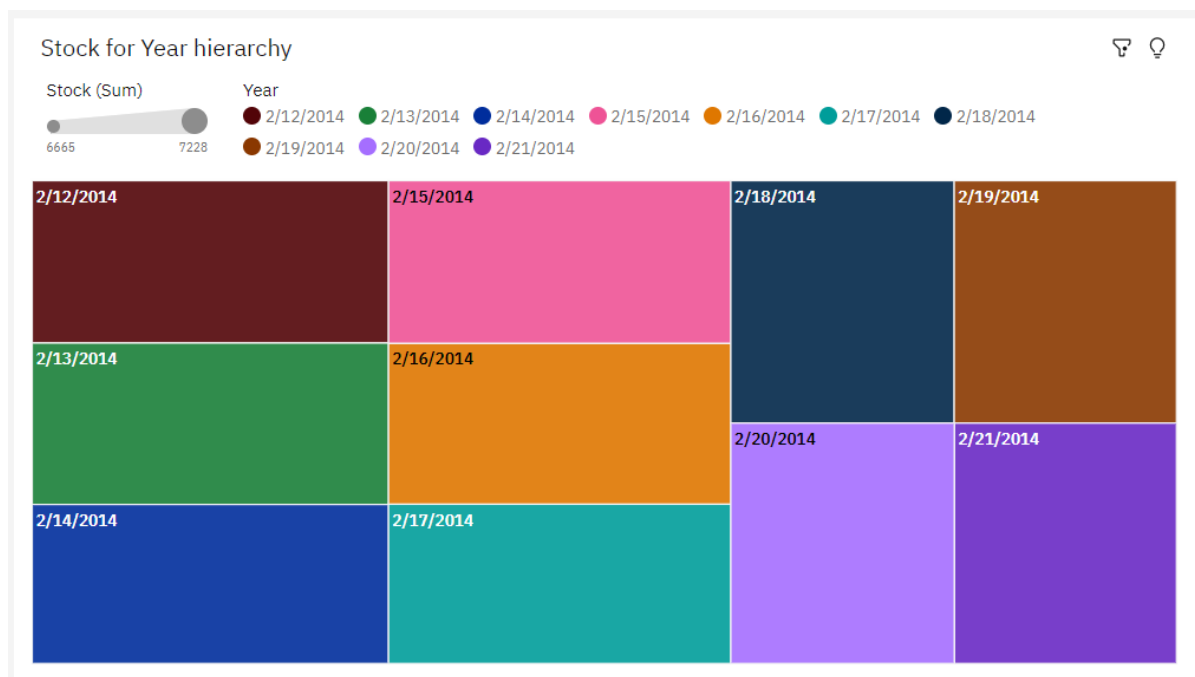
10. Year hierarchy colored by Year and sized by top 10 Sales:



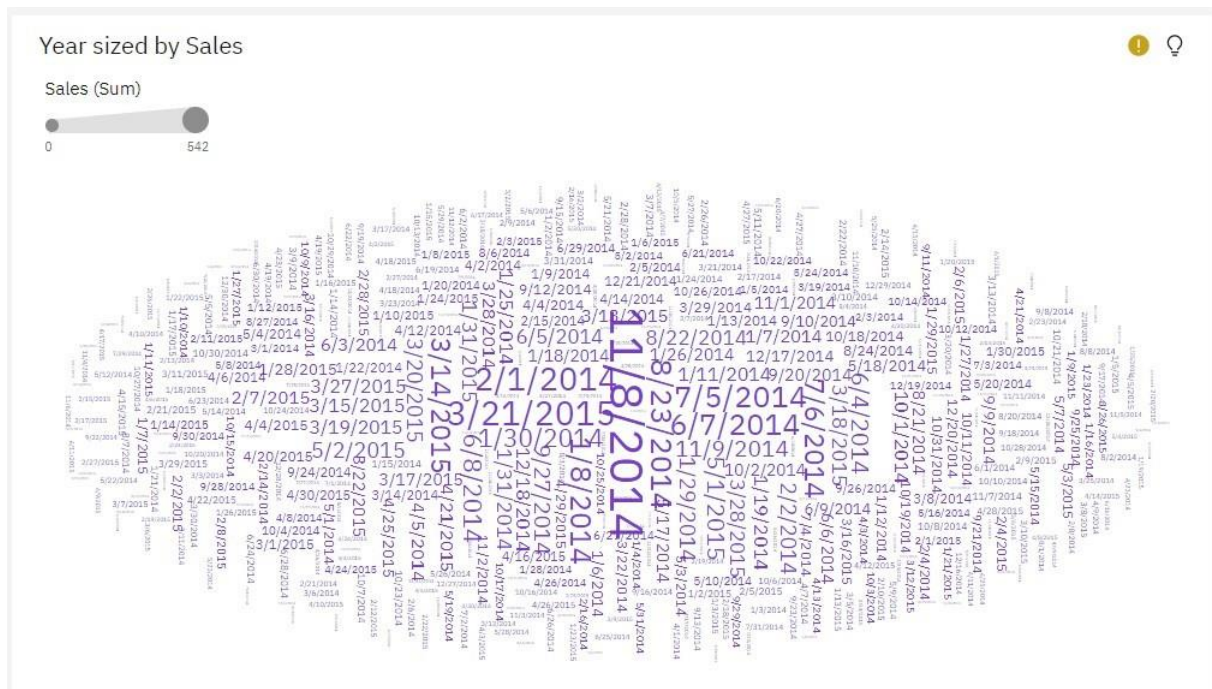
11. Stock and Sales for M_Data colored by M_Data:



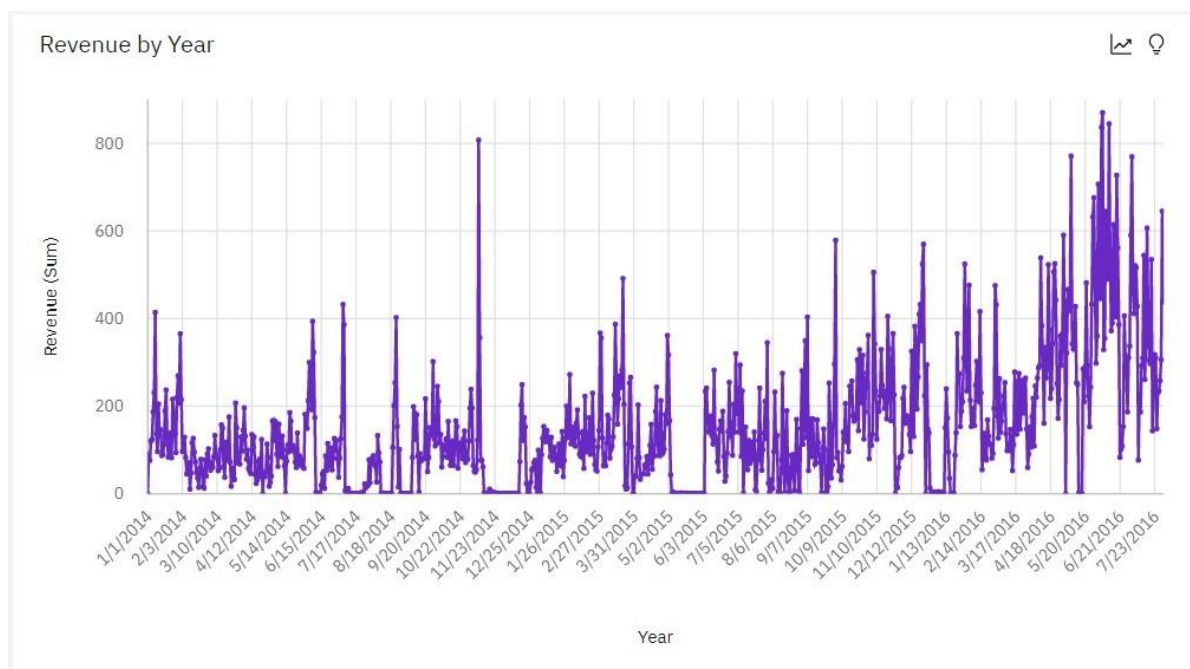
12. Top 10 Stock for Year hierarchy:



13. Wordcloud for Year sized by Sales:



14. Revenue by Year:



15. Revenue by M_Data colored by M_Data:

