

## Project Development Phase

### SPRINT-2

Team ID	PNT2022TMID15255
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

## 1. Download the dataset

Dataset link - <https://drive.google.com/file/d/1awFIKJ9LiIdnNHwGLcsqNDbbwshFHR-w/view>

Dataset link - <https://drive.google.com/file/d/1awFIKJ9LildnNHwGLcsgNDbbwshFHR-w/view>

<https://drive.google.com/file/d/1awFIKJ9LiIdnNHwGLcsqNDbbwshFHR-w/view>

**Inventory Management Dataset.csv - Excel**

shalini shalini

File Home Insert Page Layout Formulas Data Review View Help WPS PDF Tell me what you want to do

Cut Copy Paste Format Painter Clipboard Font Alignment Number Styles Cells Editing

Calibri 11 A A' B I U Wrap Text General Conditional Formatting Format as Table Cell Styles Insert Delete Format AutoSum Fill Sort & Find & Filter Clear

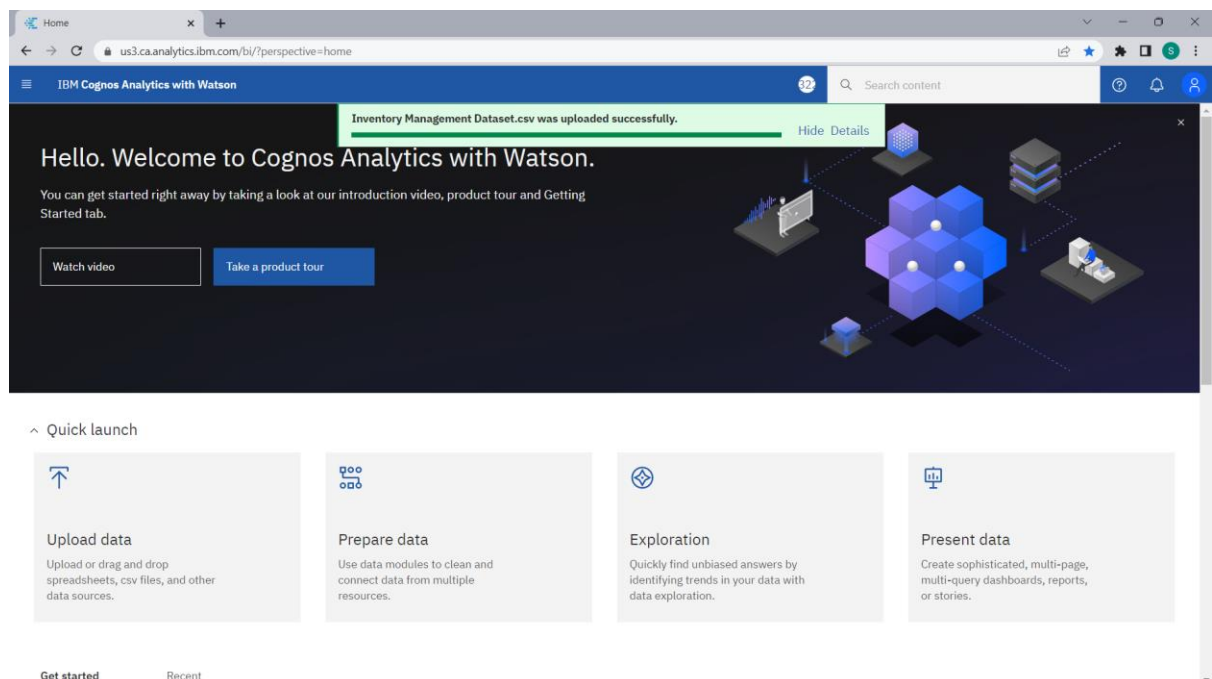
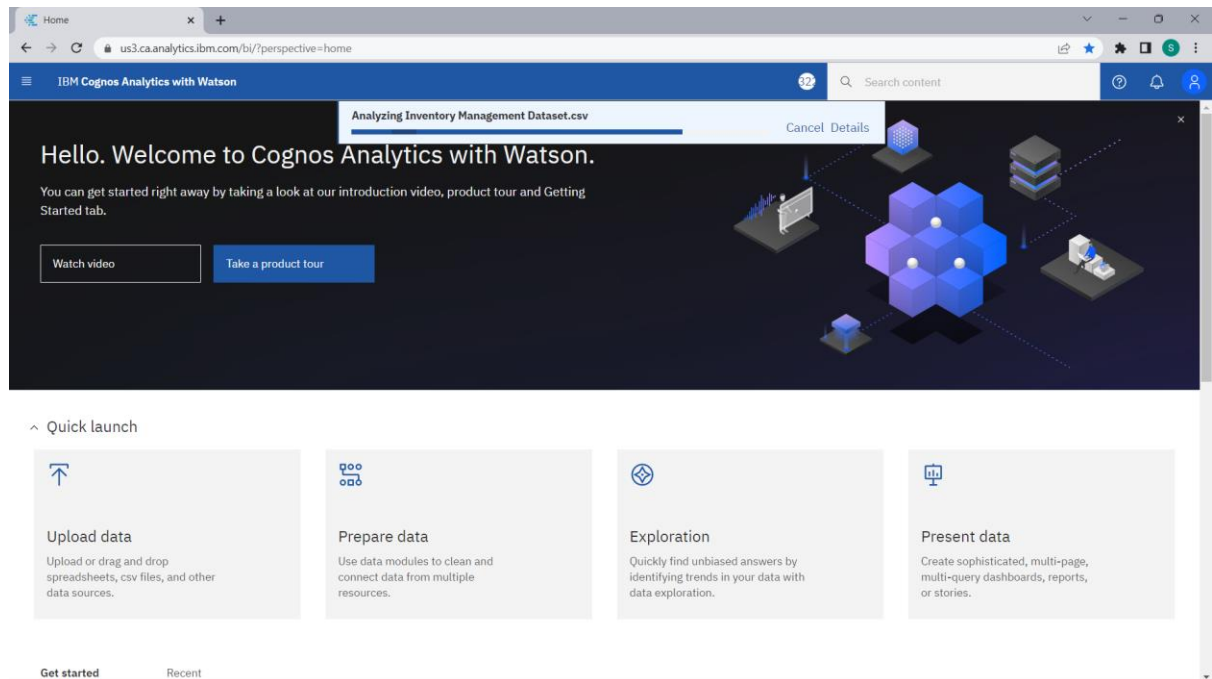
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
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1																						
2	#####	0	4972	1.29																		
3	#####	70	4902	1.29																		
4	#####	59	4843	1.29																		
5	#####	93	4750	1.29																		
6	#####	96	4654	1.29																		
7	#####	145	4509	1.29																		
8	#####	179	4329	1.29																		
9	#####	321	4104	1.29																		
10	#####	125	4459	1.09																		
11	#####	88	5043	1.09																		
12	#####	188	5239	1.09																		
13	#####	121	5118	1.09																		
14	#####	134	4984	1.09																		
15	#####	80	4904	1.09																		
16	#####	82	4822	1.09																		
17	#####	94	4728	1.19																		
18	#####	159	4464	1.19																		
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21	#####	70	4091	1.19																		
22	#####	127	3964	1.09																		
23	#####	96	3868	1.09																		
24	#####	75	3793	1.09																		
25	#####	198	3595	1.09																		
26	#####	168	3427	1.09																		
27	#####	125	3302	1.09																		
28	#####	86	3216	1.09																		
29	#####	222	2994	0.99																		

Inventory Management Dataset

Ready Accessibility: Unavailable

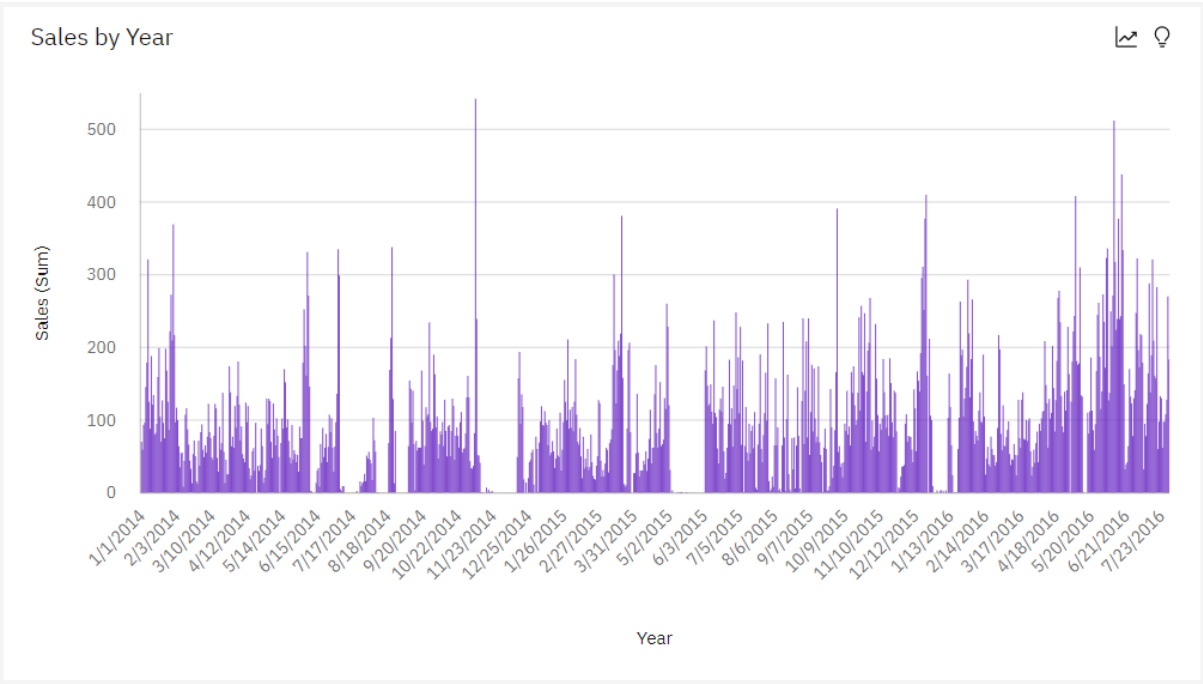
## 2. Loading the dataset

Tool Used – IBM Cognos Analytics

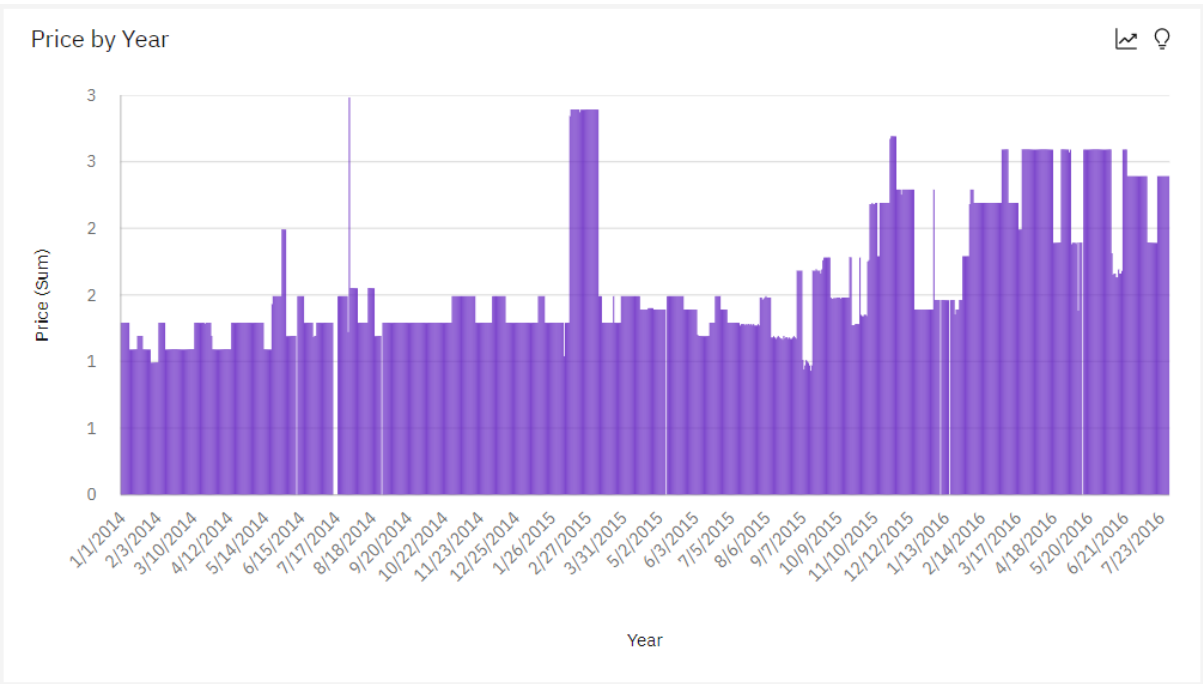


DATA EXPLORATION:

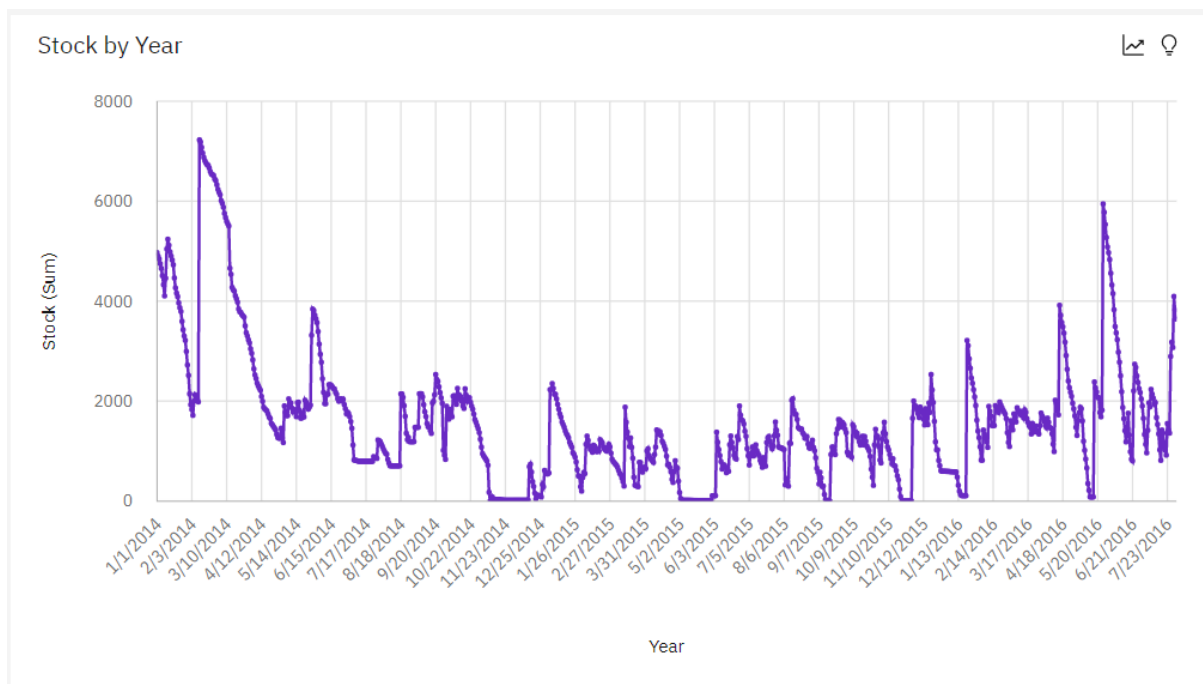
1. Sales by Year:



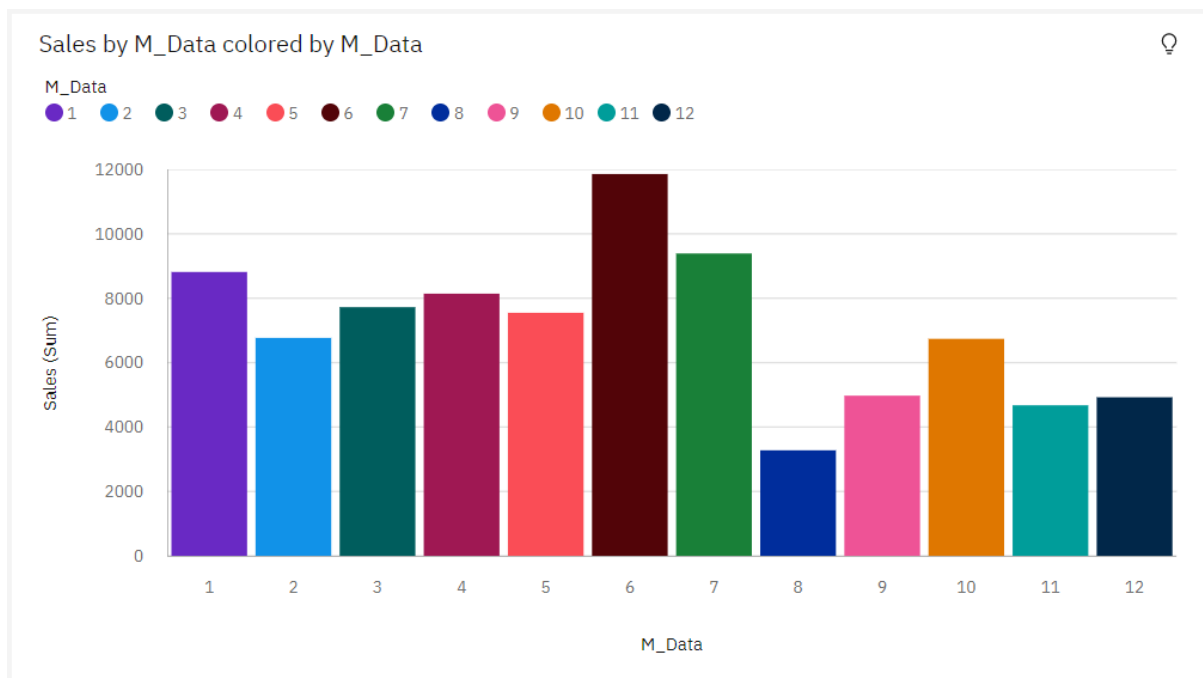
2. Price by Year:



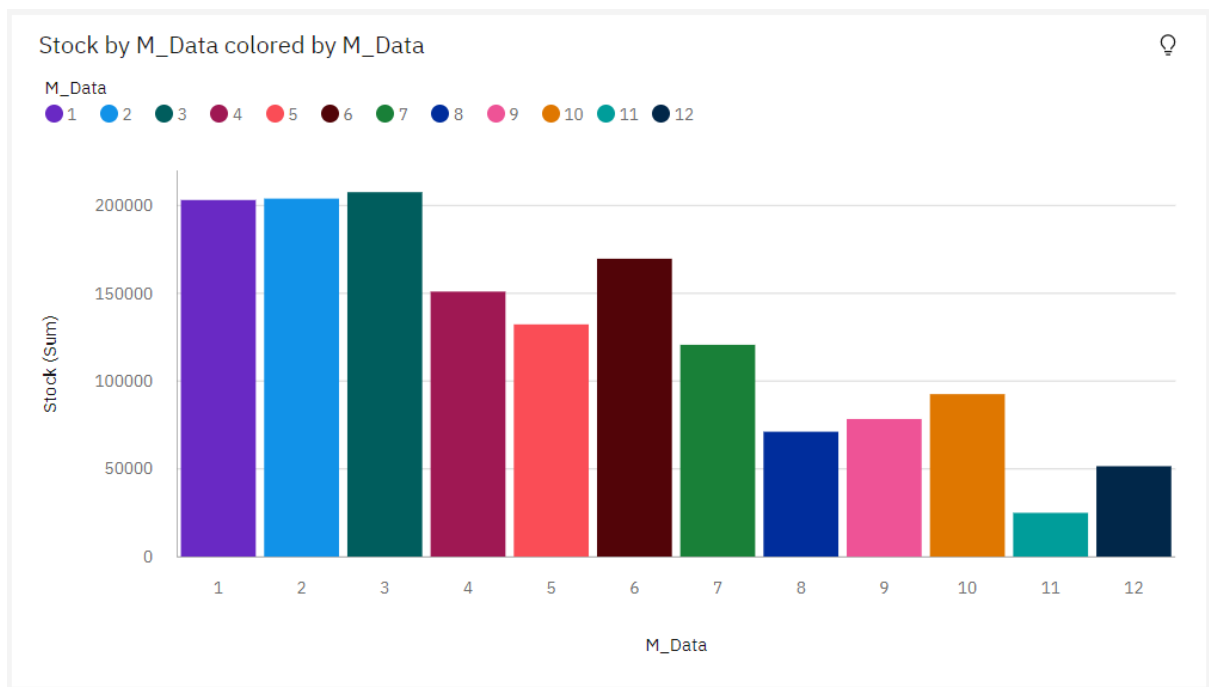
### 3. Stock by Year:



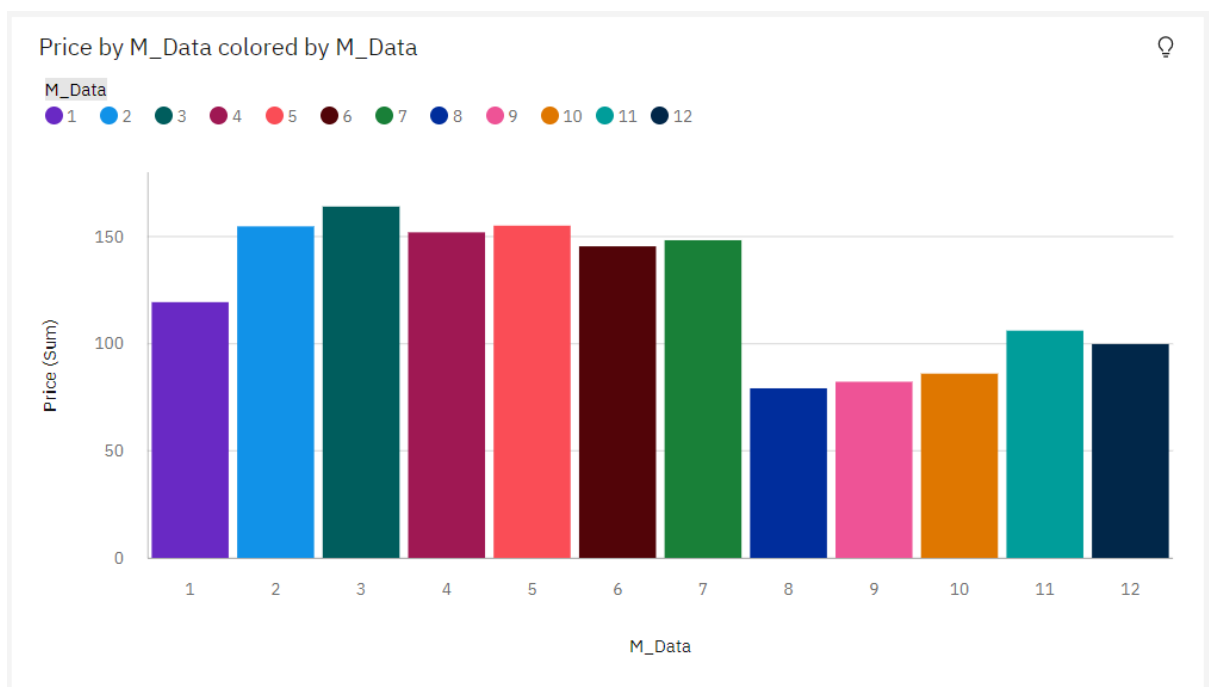
### 4. Sales by M\_Data colored by M\_Data:



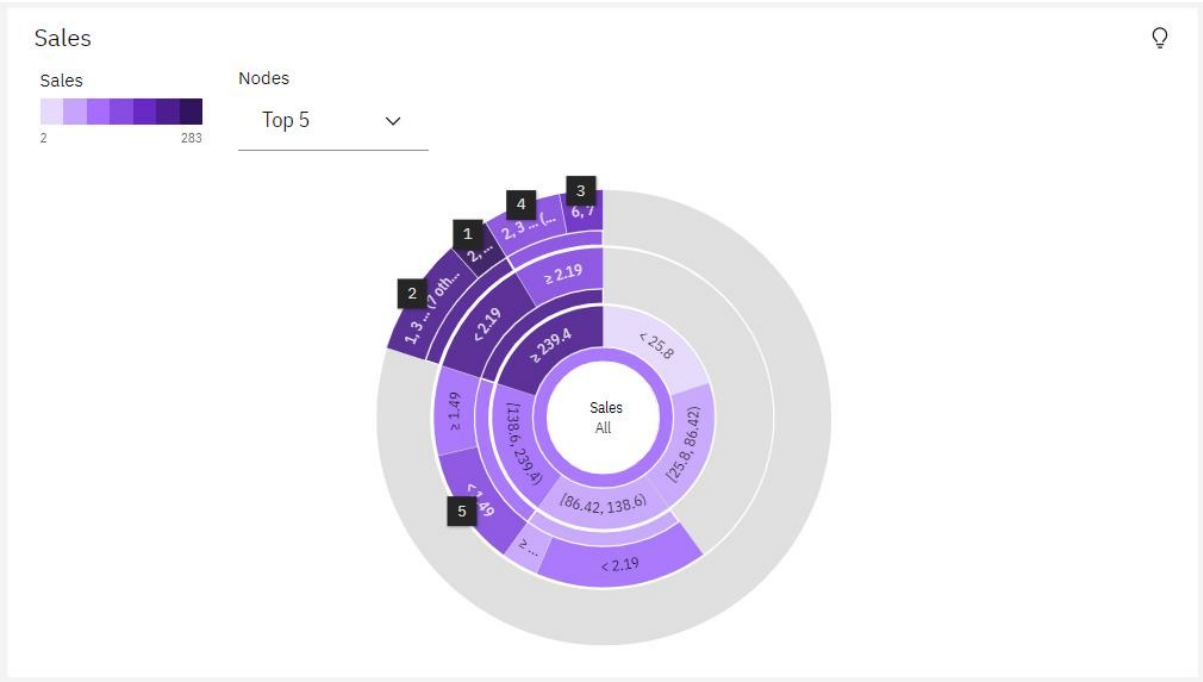
## 5. Stock by M\_Data colored by M\_Data:



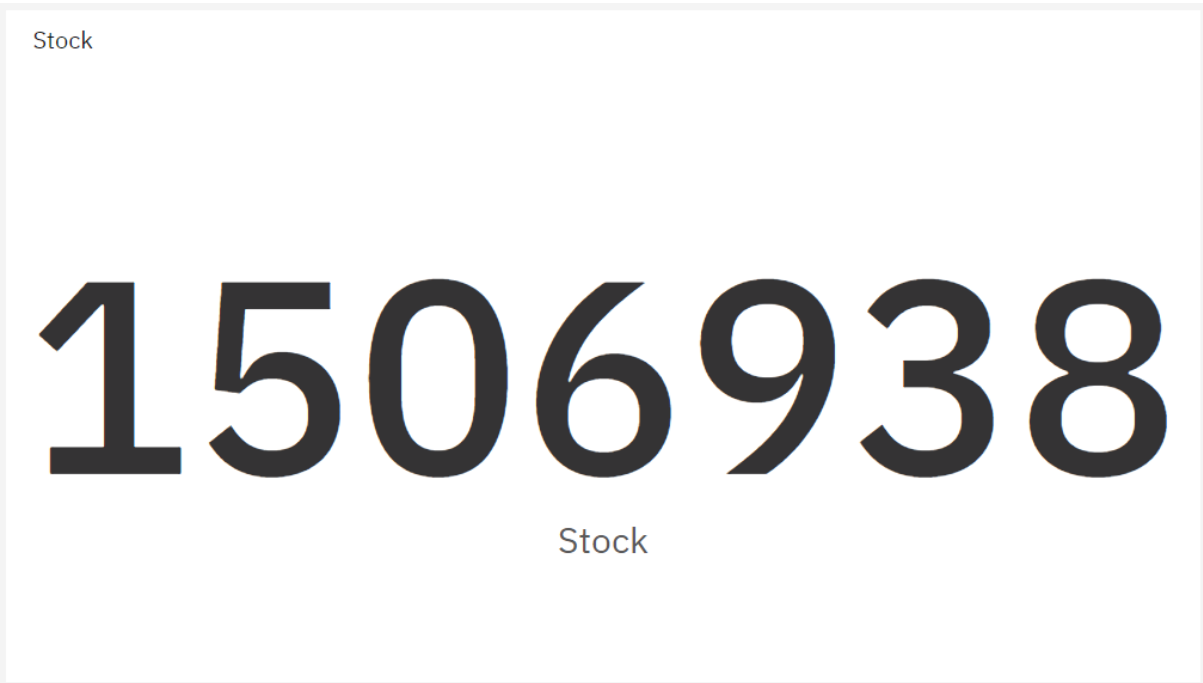
## 6. Price by M\_Data colored by M\_Data:



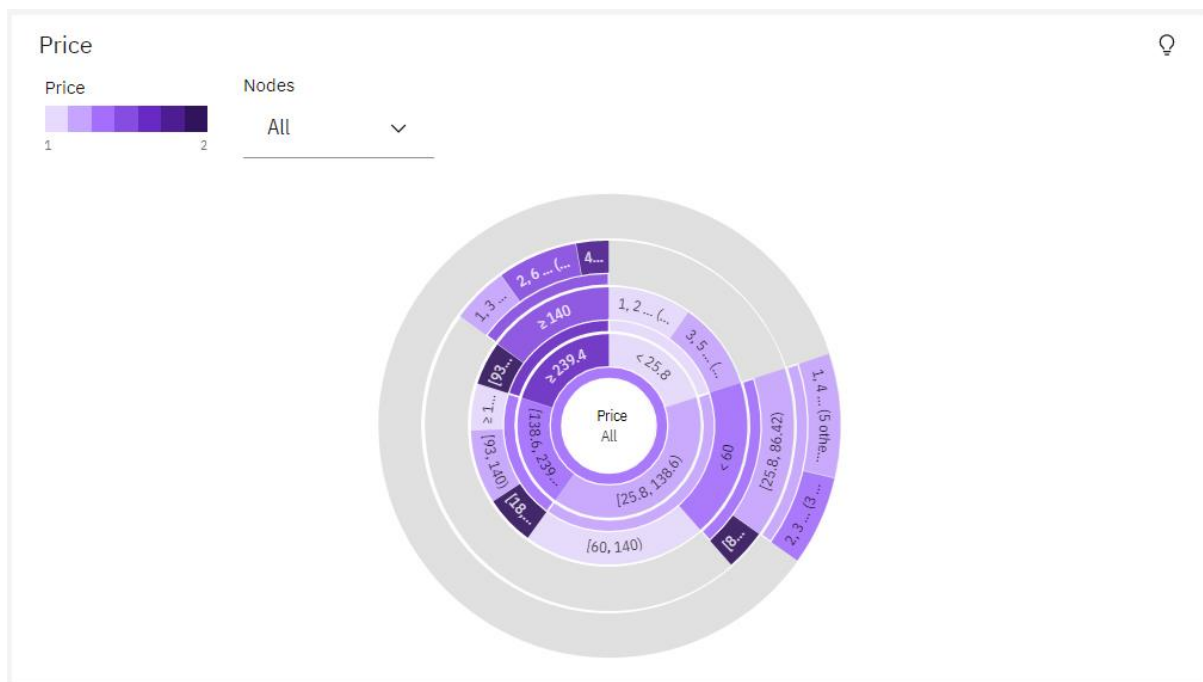
7. Sales Sunburst:



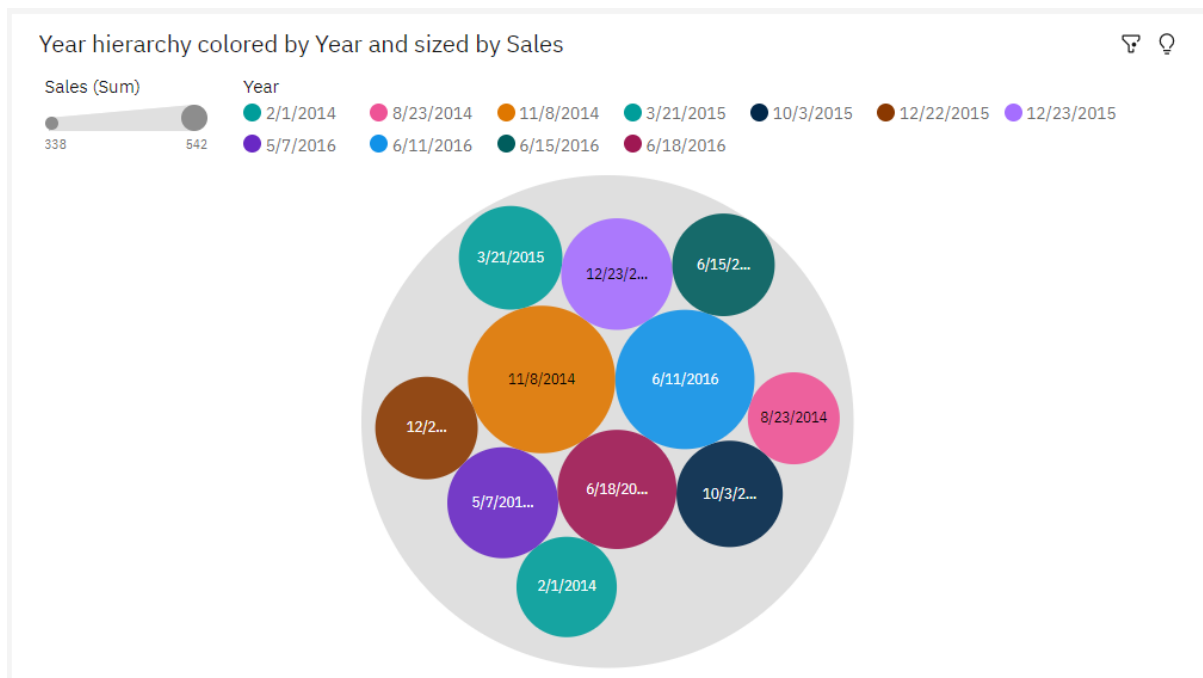
8. Stock Summary:



## 9. Price Sunburst:

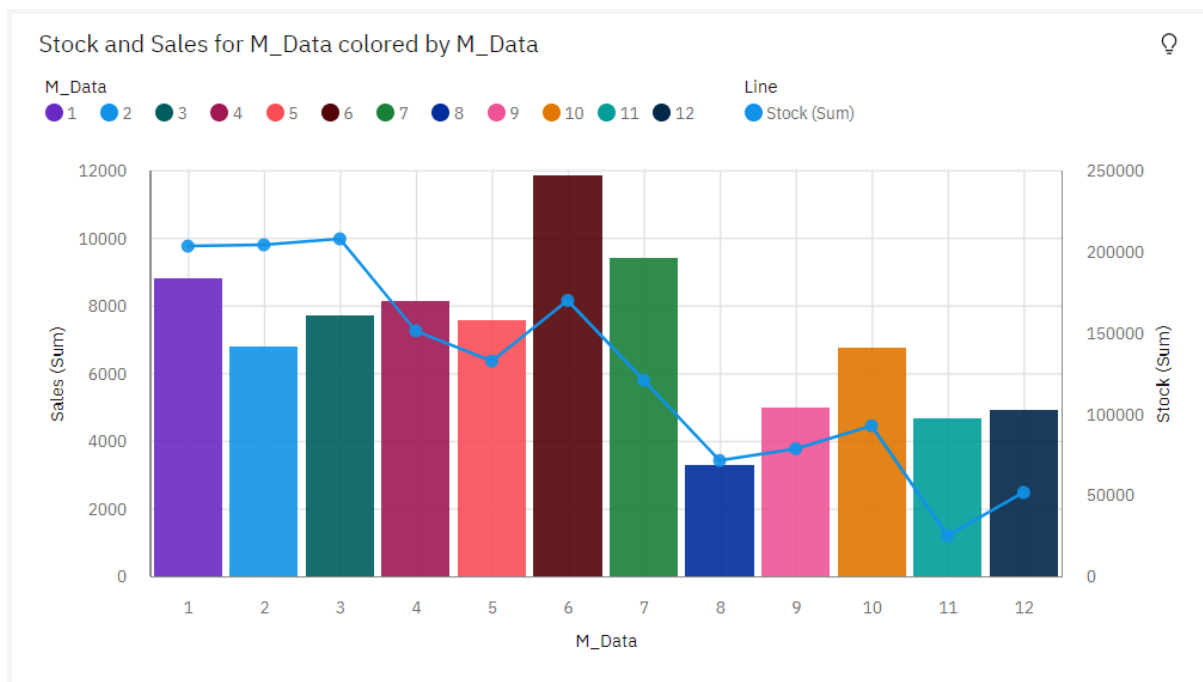


## 10. Year hierarchy colored by Year and sized by top 10 Sales:

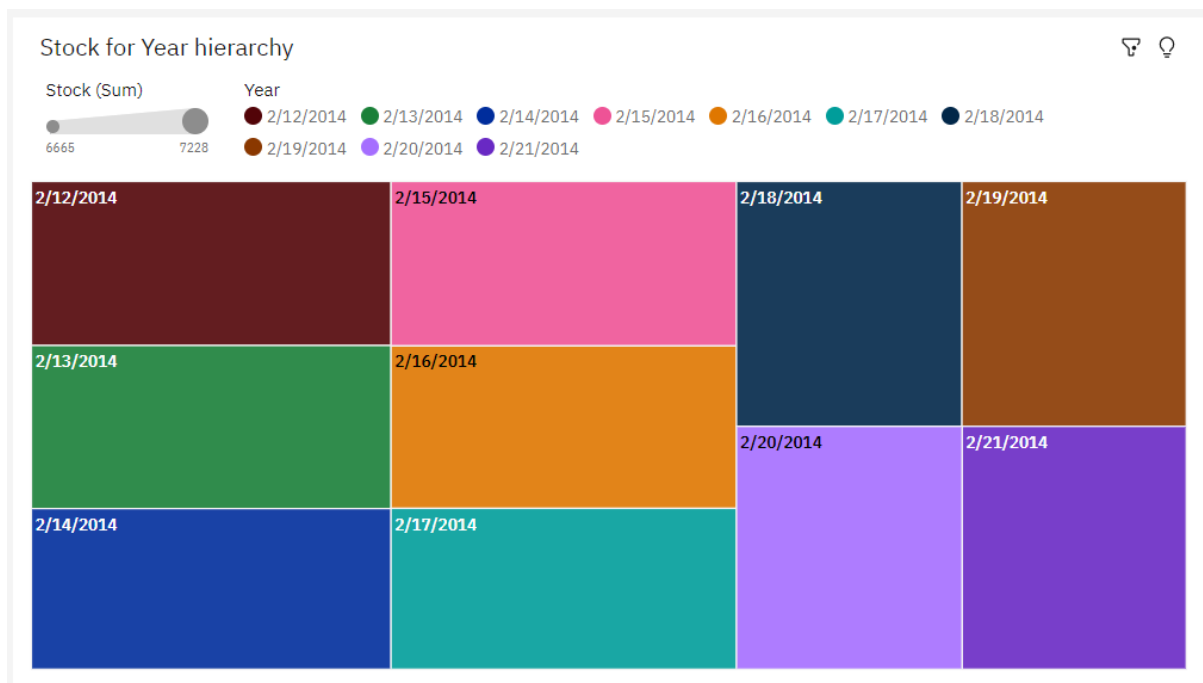




## 11. Stock and Sales for M\_Data colored by M\_Data:



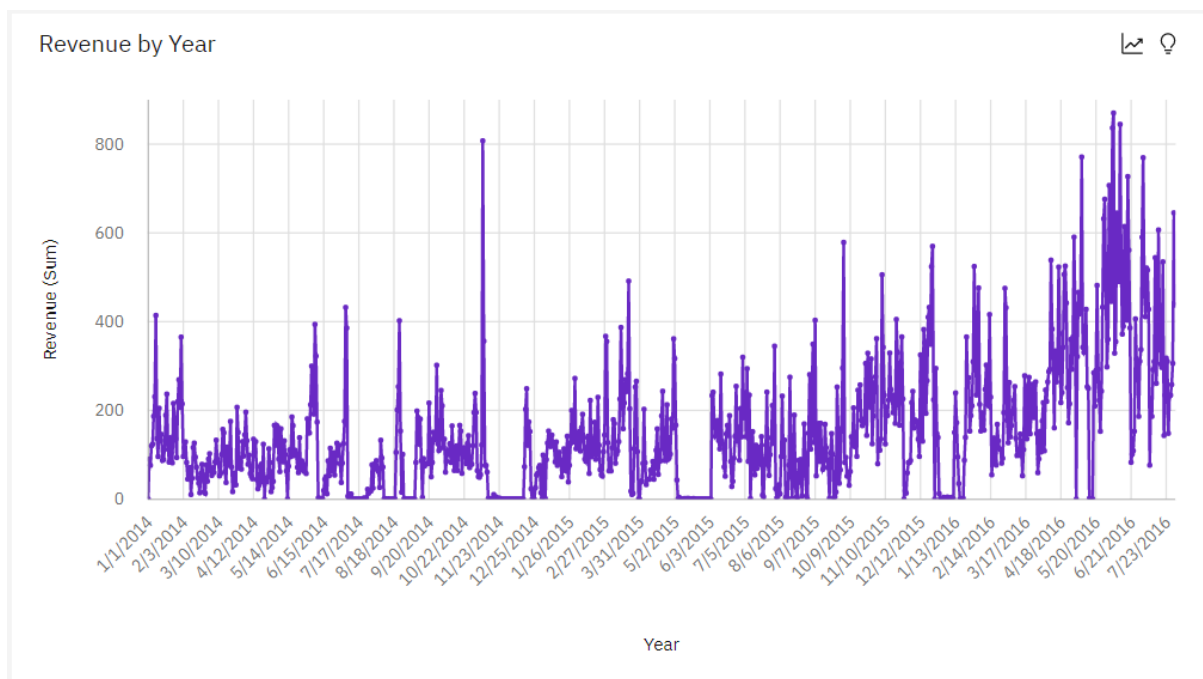
## 12. Top 10 Stock for Year hierarchy:



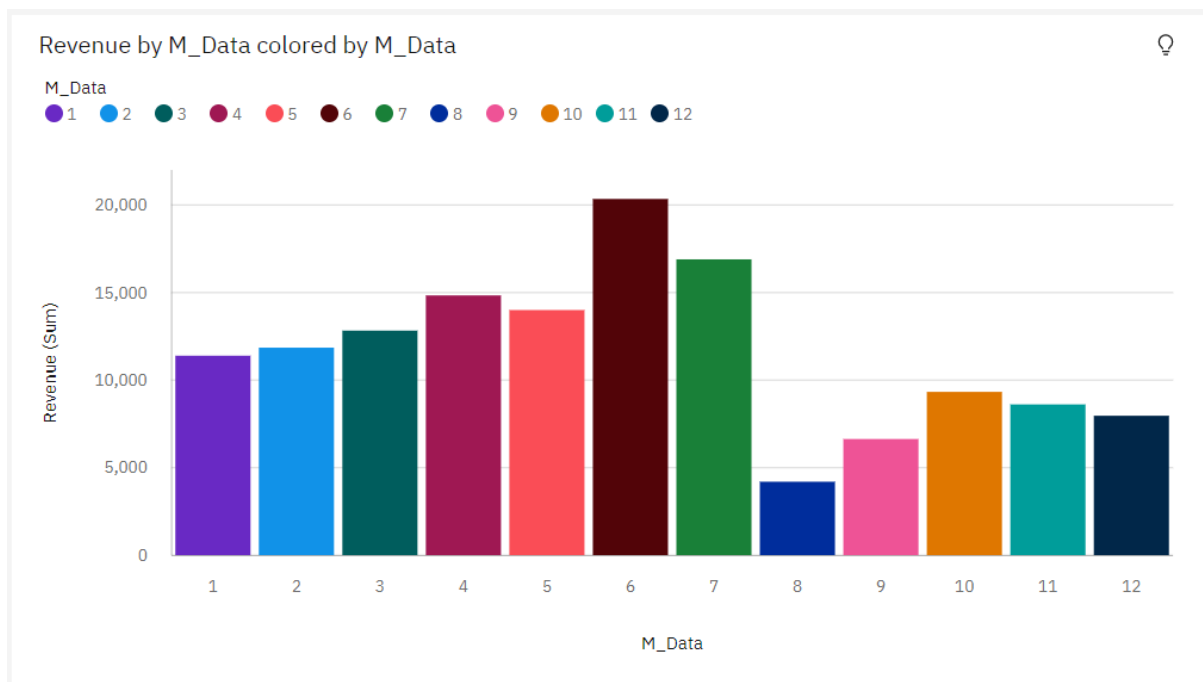
### 13. Wordcloud for Year sized by Sales:



### 14. Revenue by Year:



## 15. Revenue by M\_Data colored by M\_Data:



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