

## Project Development Phase

### SPRINT-2

Team ID	PNT2022TMID31937
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
- Word cloud for Year sized by Sales
- Revenue by Year
- Revenue by M\_Data colored by M\_Data

## 1. Download the dataset

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

mock\_kaggle - Excel

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

Clipboard Paste Font Alignment Number Styles Cells Editing

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

A1 data

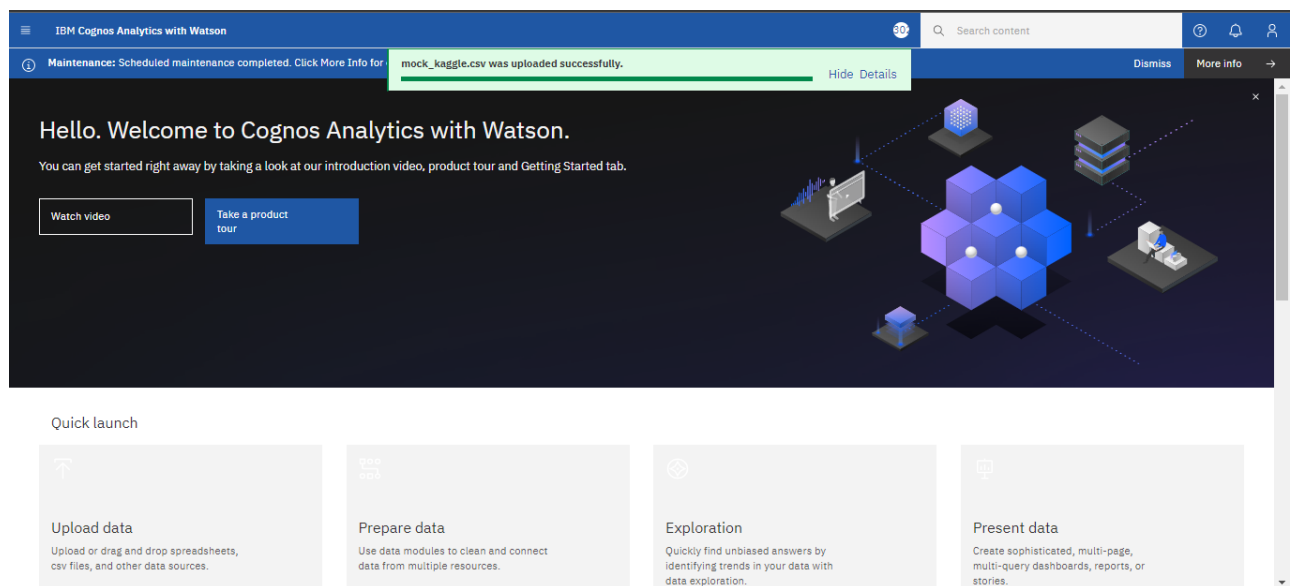
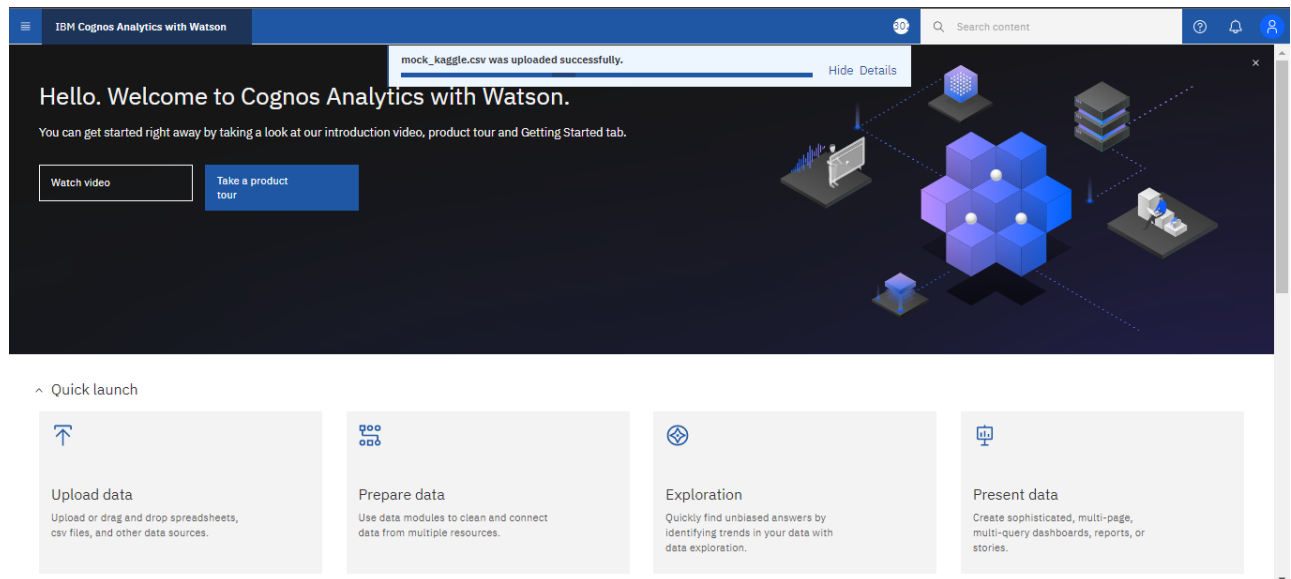
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	data	venda	estoque	preco																	
2	1/1/2014	0	4972	1.29																	
3	1/2/2014	70	4902	1.29																	
4	1/3/2014	59	4843	1.29																	
5	1/4/2014	93	4750	1.29																	
6	1/5/2014	96	4654	1.29																	
7	1/6/2014	145	4509	1.29																	
8	1/7/2014	179	4329	1.29																	
9	1/8/2014	321	4104	1.29																	
10	1/9/2014	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																	
19	#####	199	4265	1.19																	
20	#####	104	4161	1.19																	
21	#####	70	4091	1.19																	
22	#####	127	3964	1.09																	

mock\_kaggle

Ready Accessibility: Unavailable

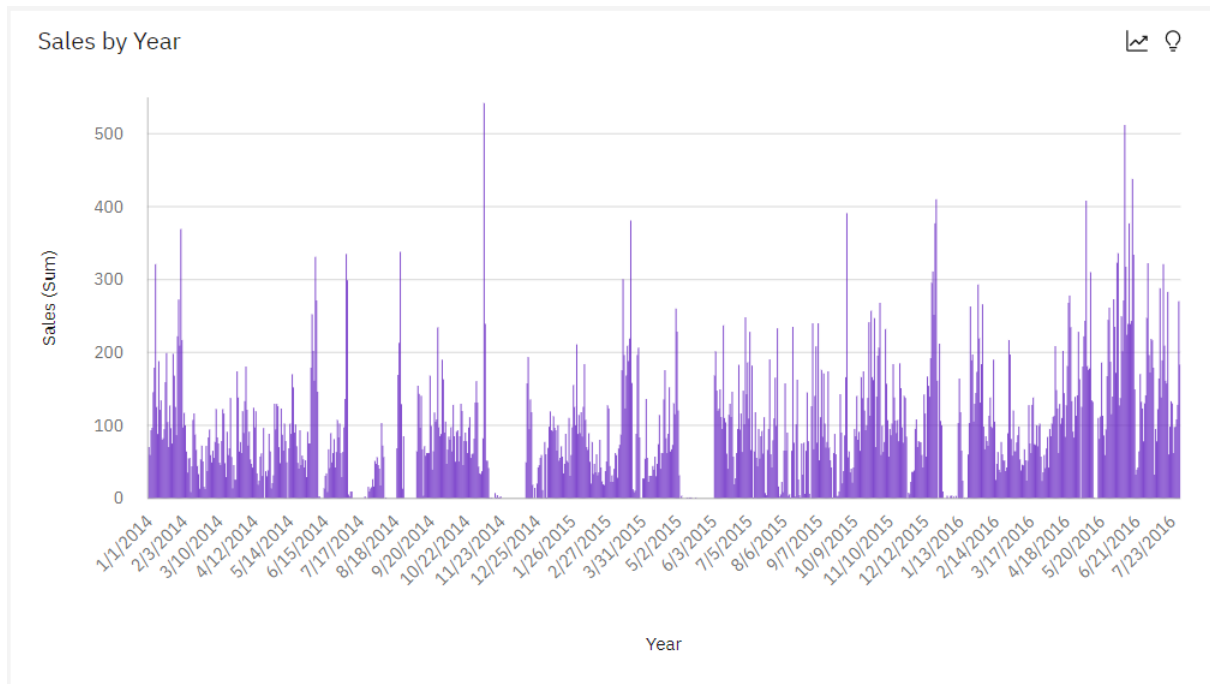
## 2. Loading the dataset

### Tool Used – IBM Cognos Analytics

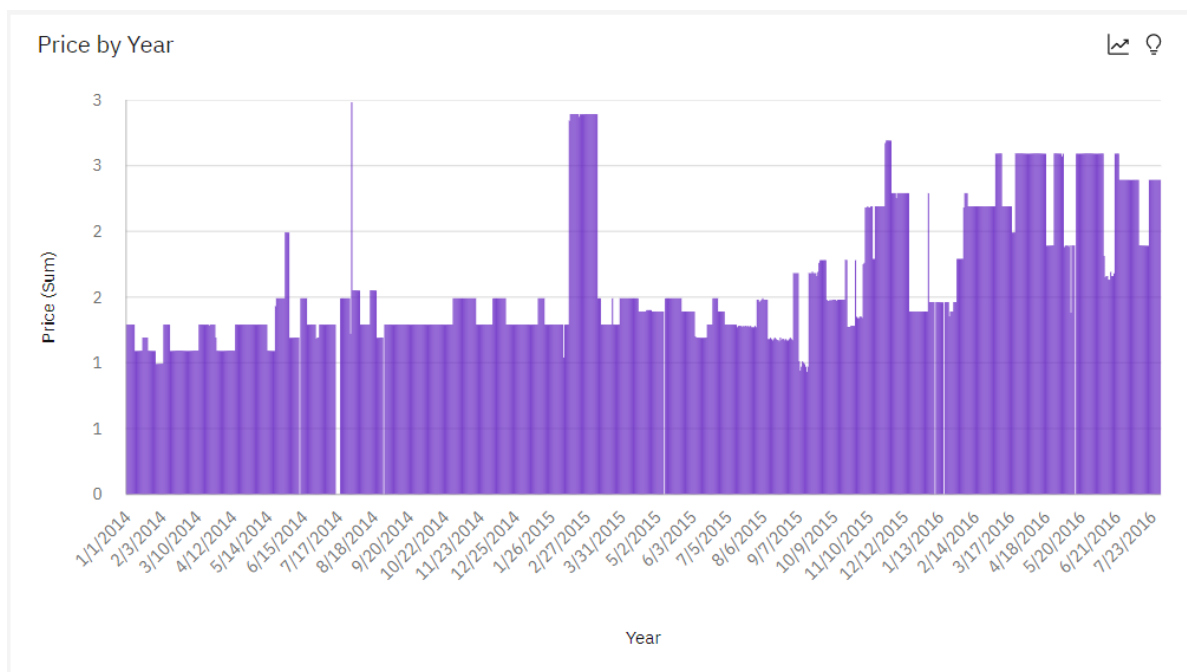


## DATA EXPLORATION:

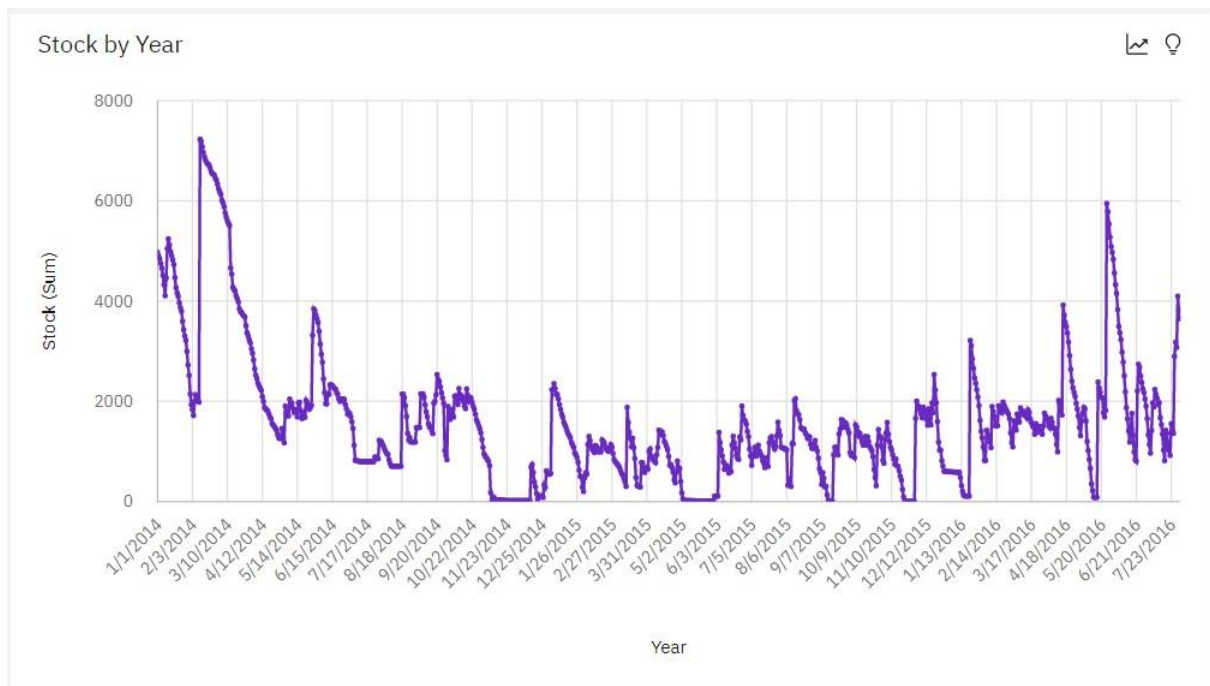
### 1. Sales by Year:



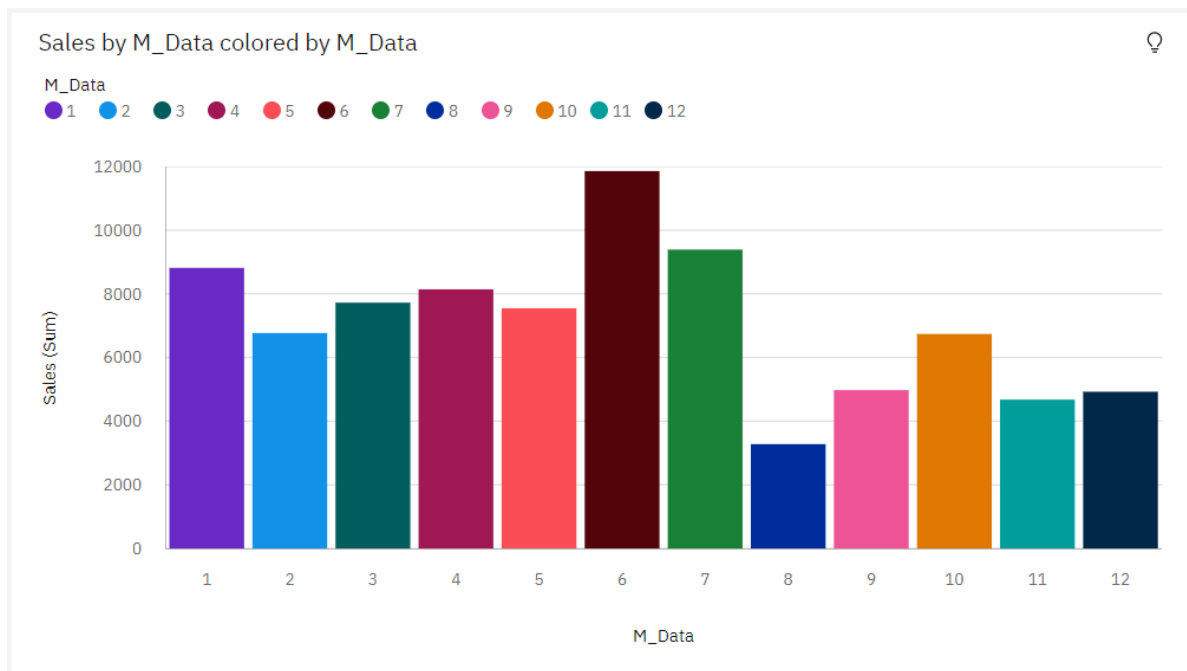
### 2. Price by Year:



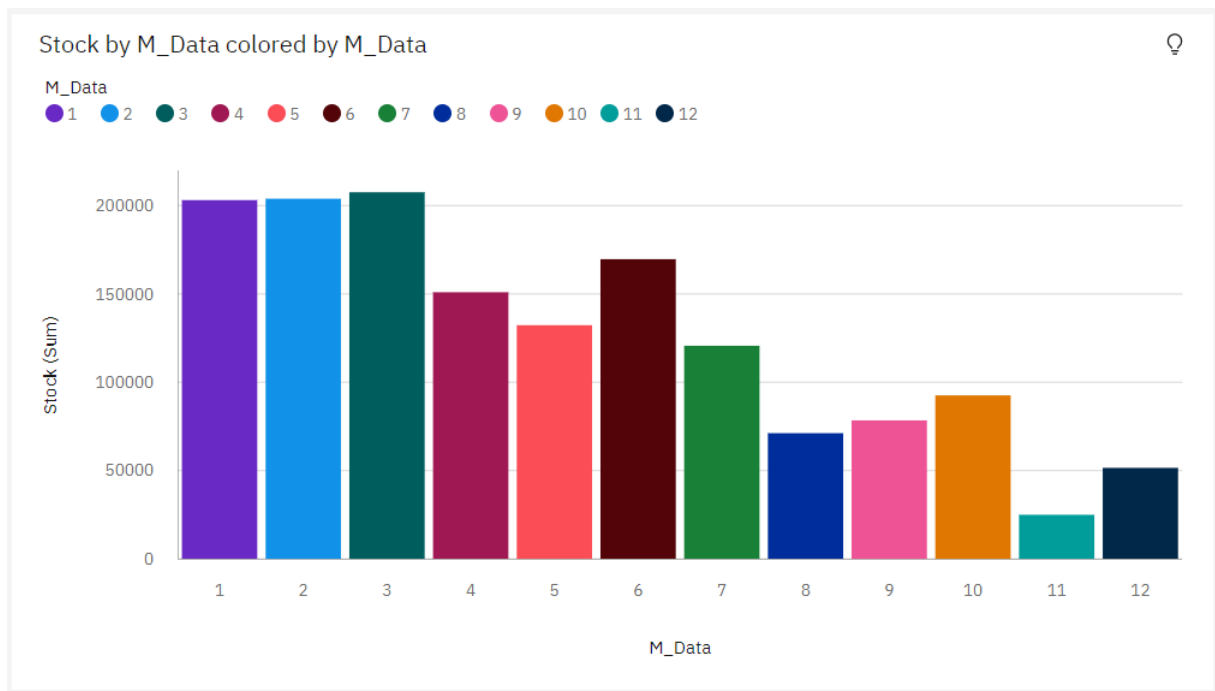
### 3. Stock by Year:



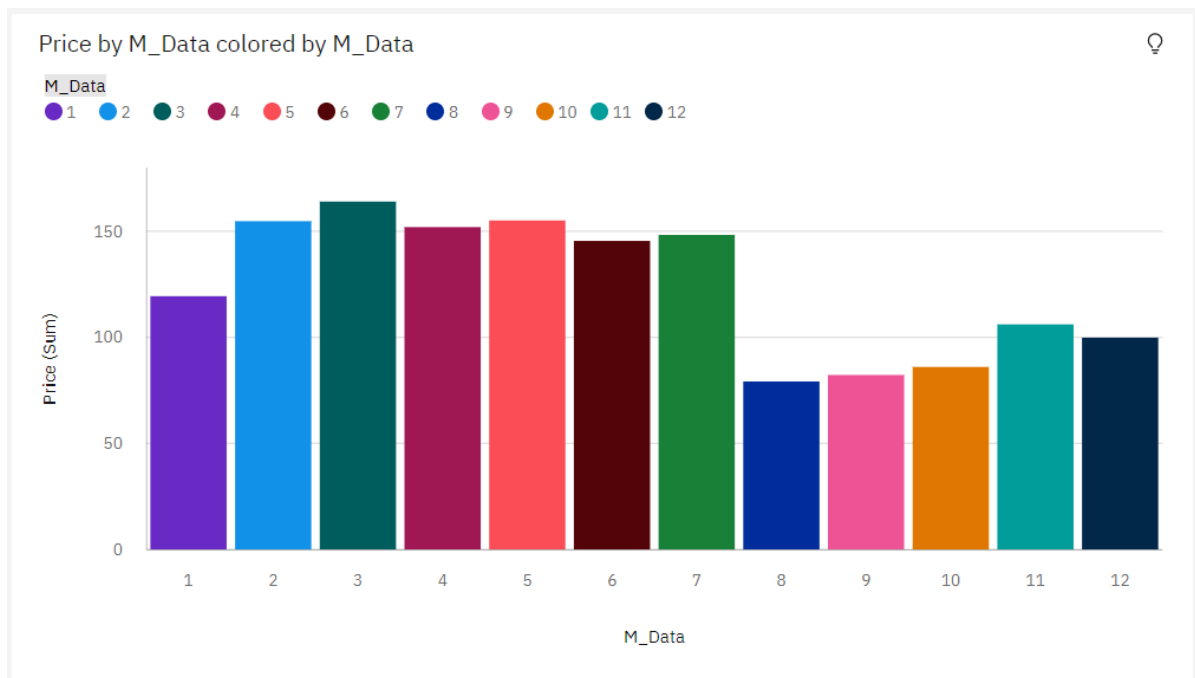
### 4. Sales by M\_Data colored by M\_Data:



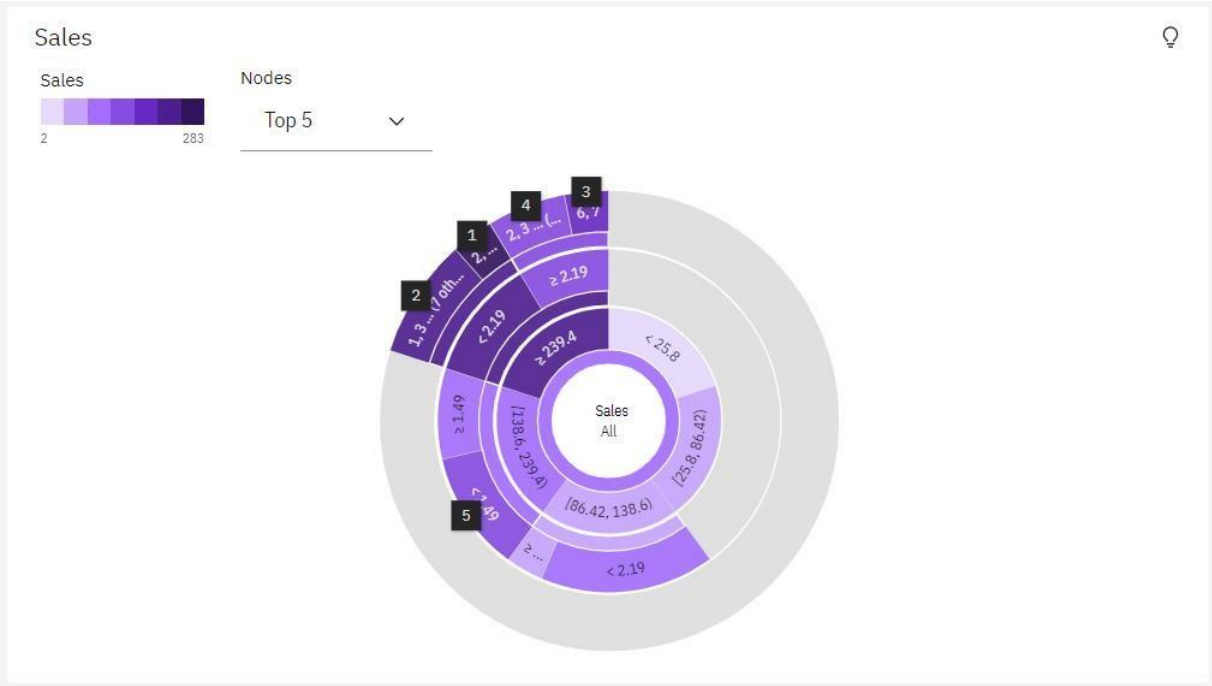
## 5. Stock by M\_Data colored by M\_Data:



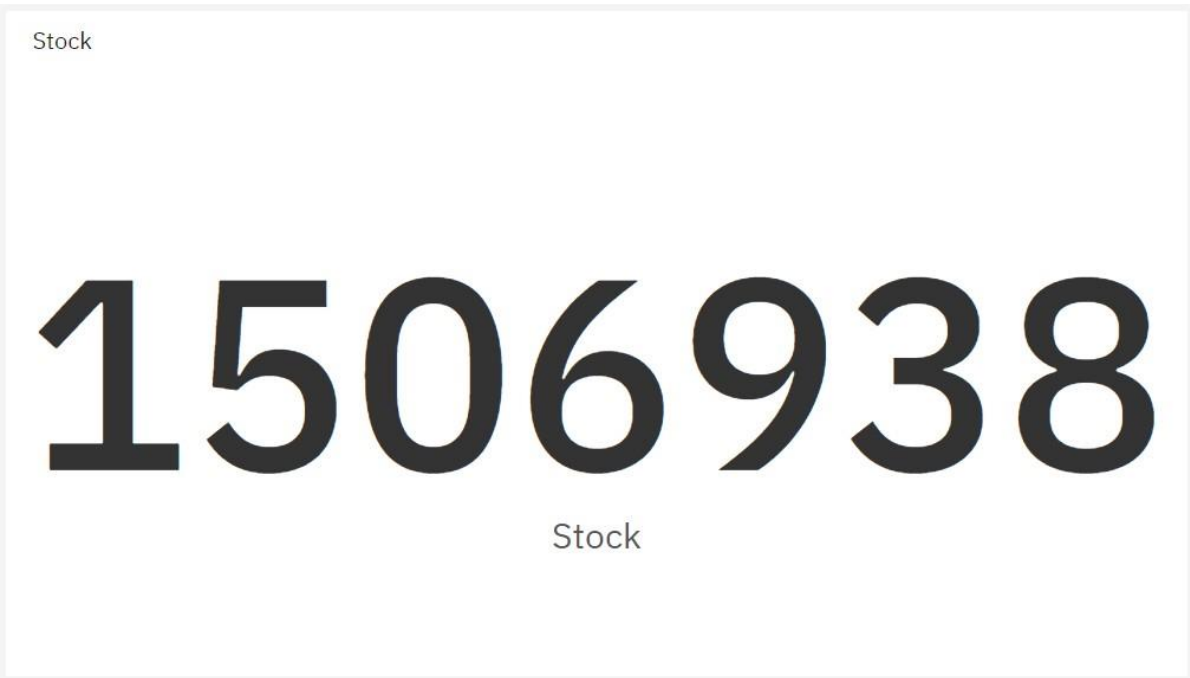
## 6. Price by M\_Data colored by M\_Data:



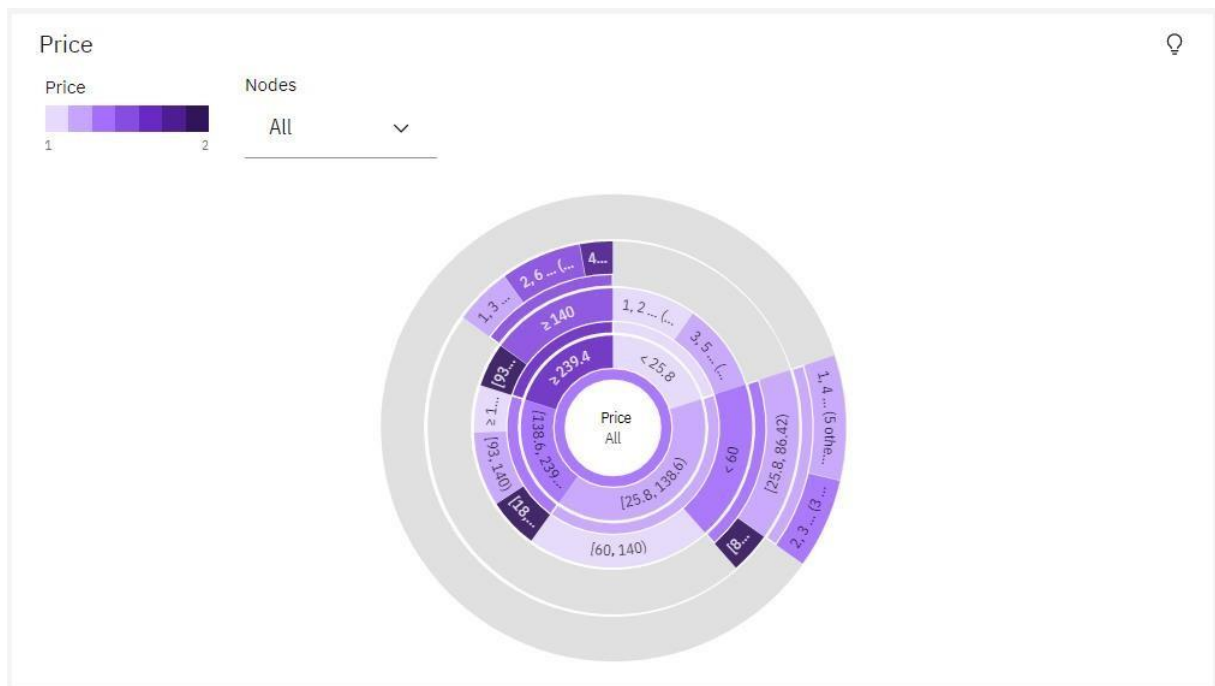
7. Sales Sunburst:



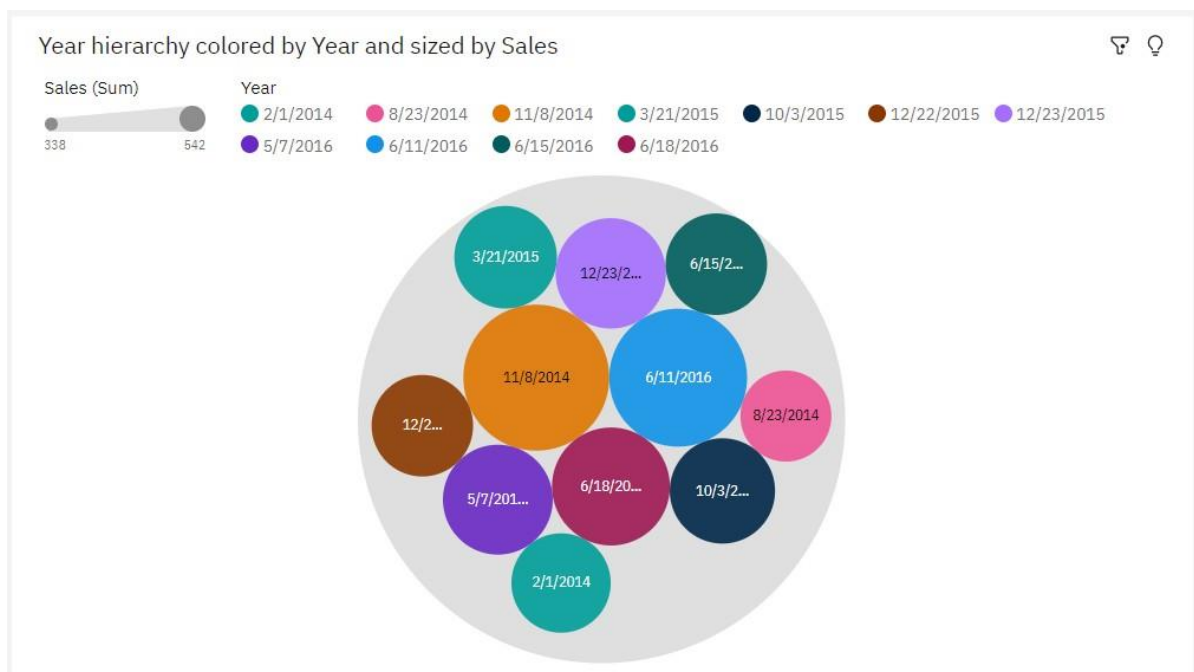
8. Stock Summary:



## 9. Price Sunburst:

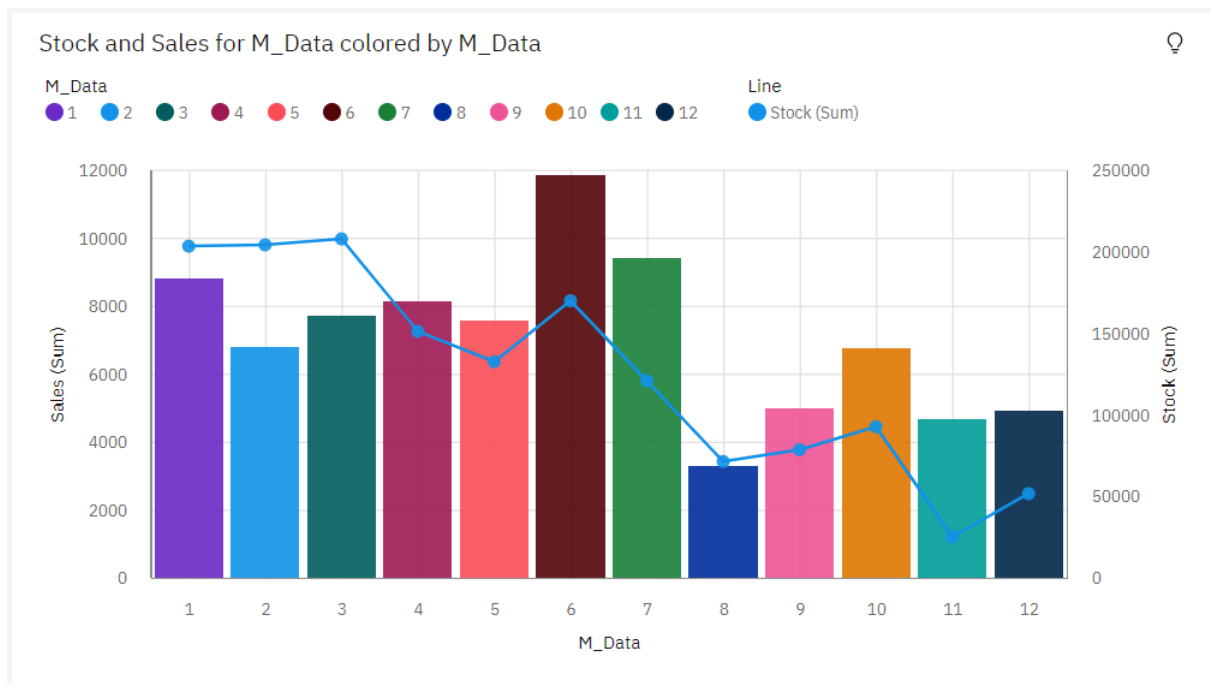


## 10. Year hierarchy colored by Year and sized by top 10 Sales:

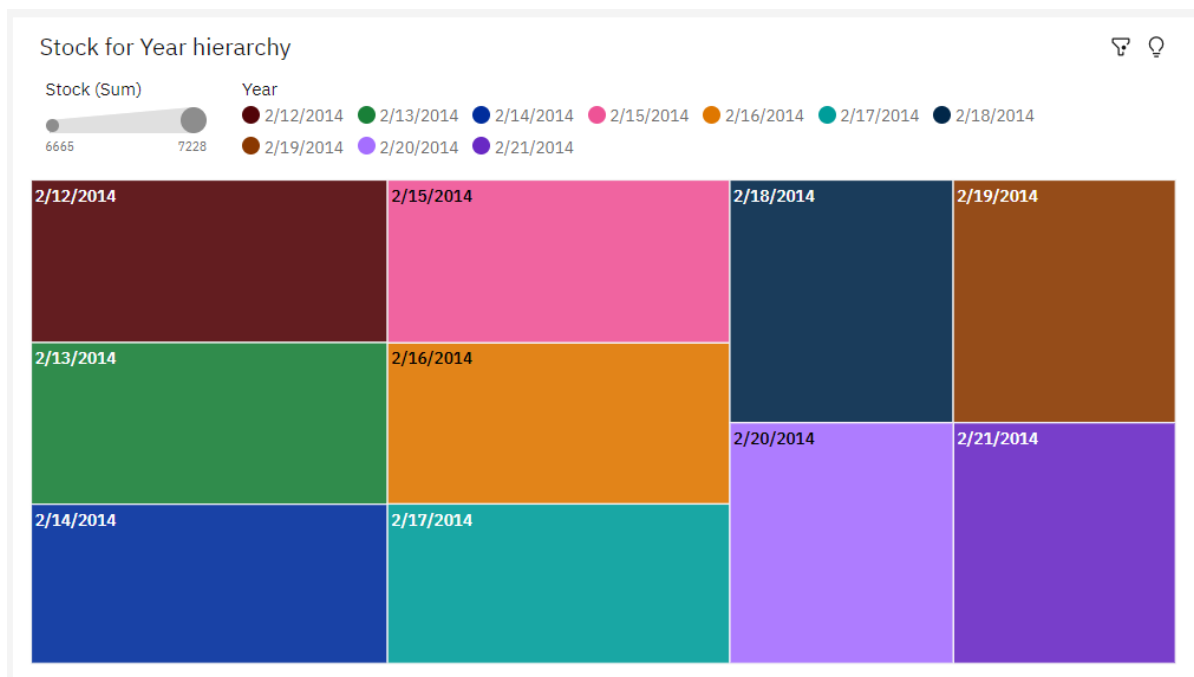




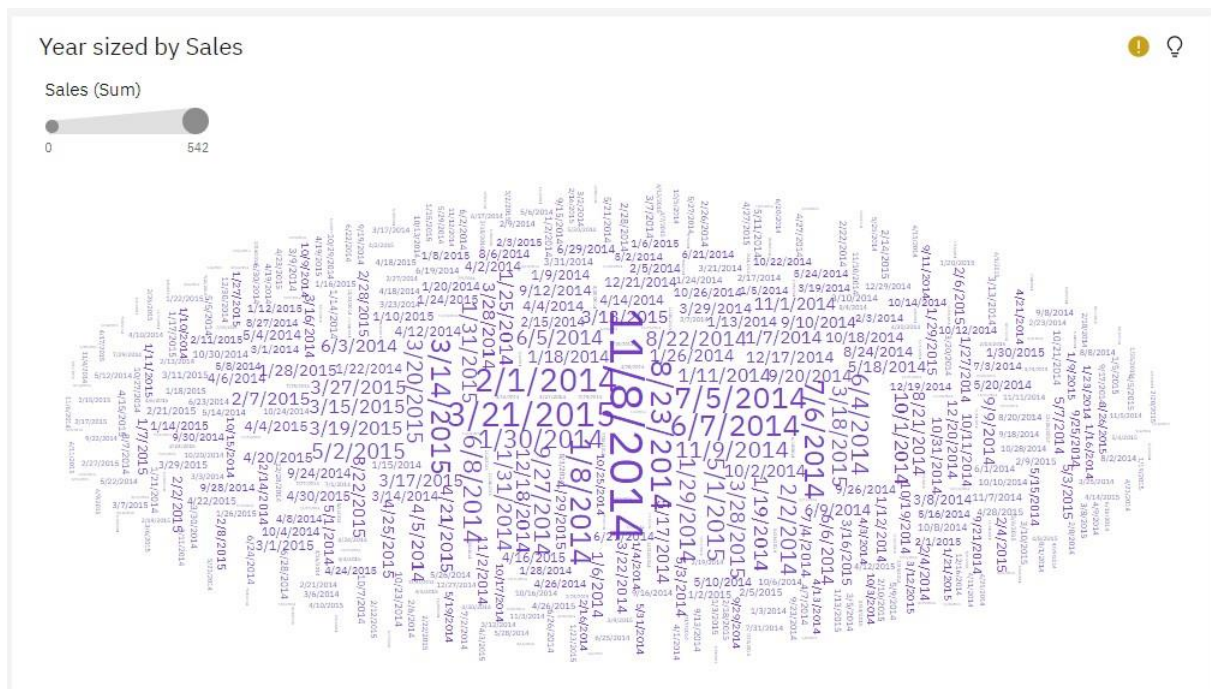
## 11. Stock and Sales for M\_Data colored by M\_Data:



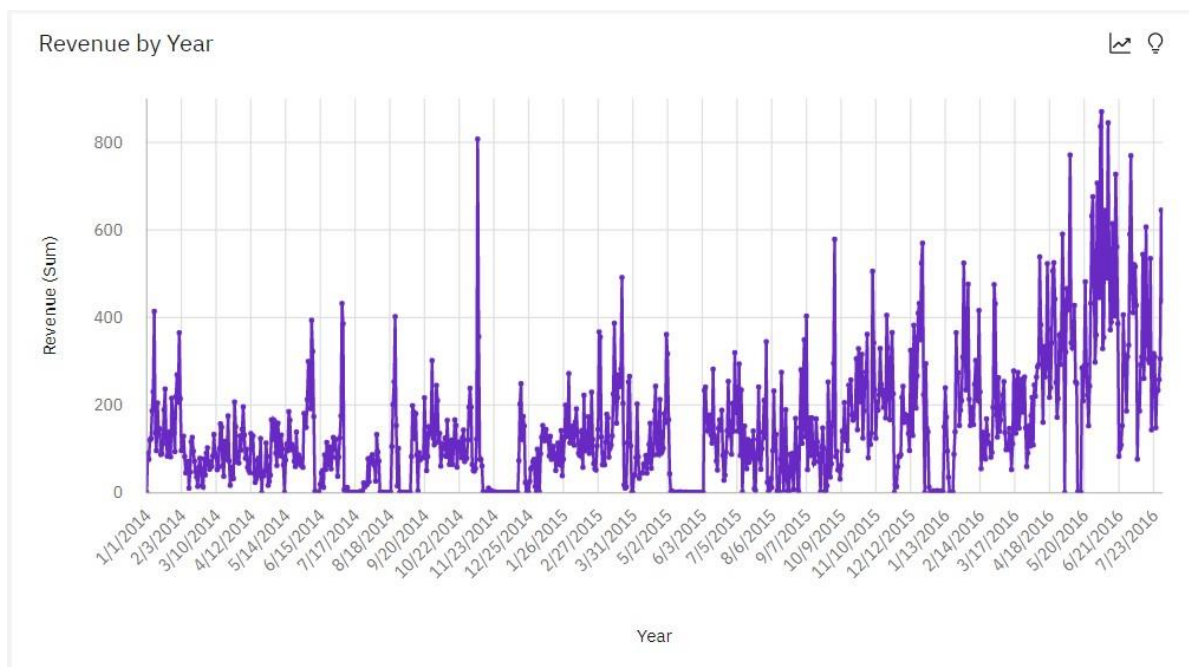
## 12. Top 10 Stock for Year hierarchy:



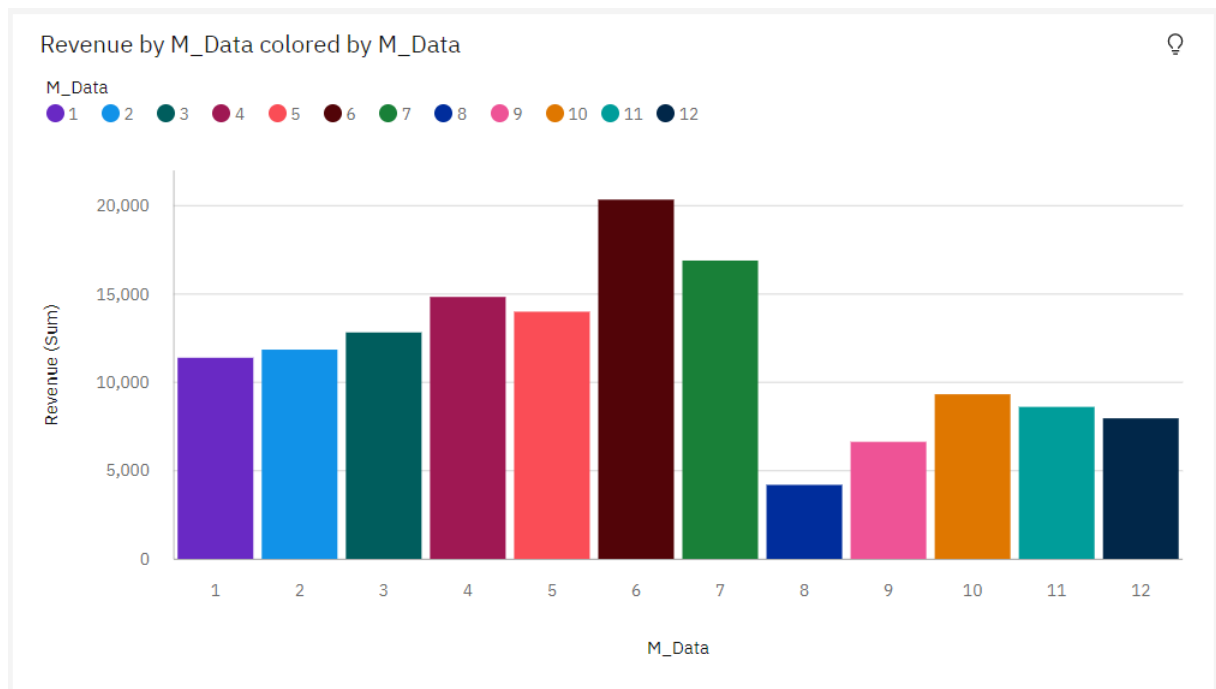
### 13. Wordcloud for Year sized by Sales:



### 14. Revenue by Year:



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



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