Project Development Phase SPRINT-2

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| Team ID | PNT2022TMID31937 |
| Project Name | Project – Retail Store Stock Inventory Analytics |

SPRINT-2:

Data Exploration

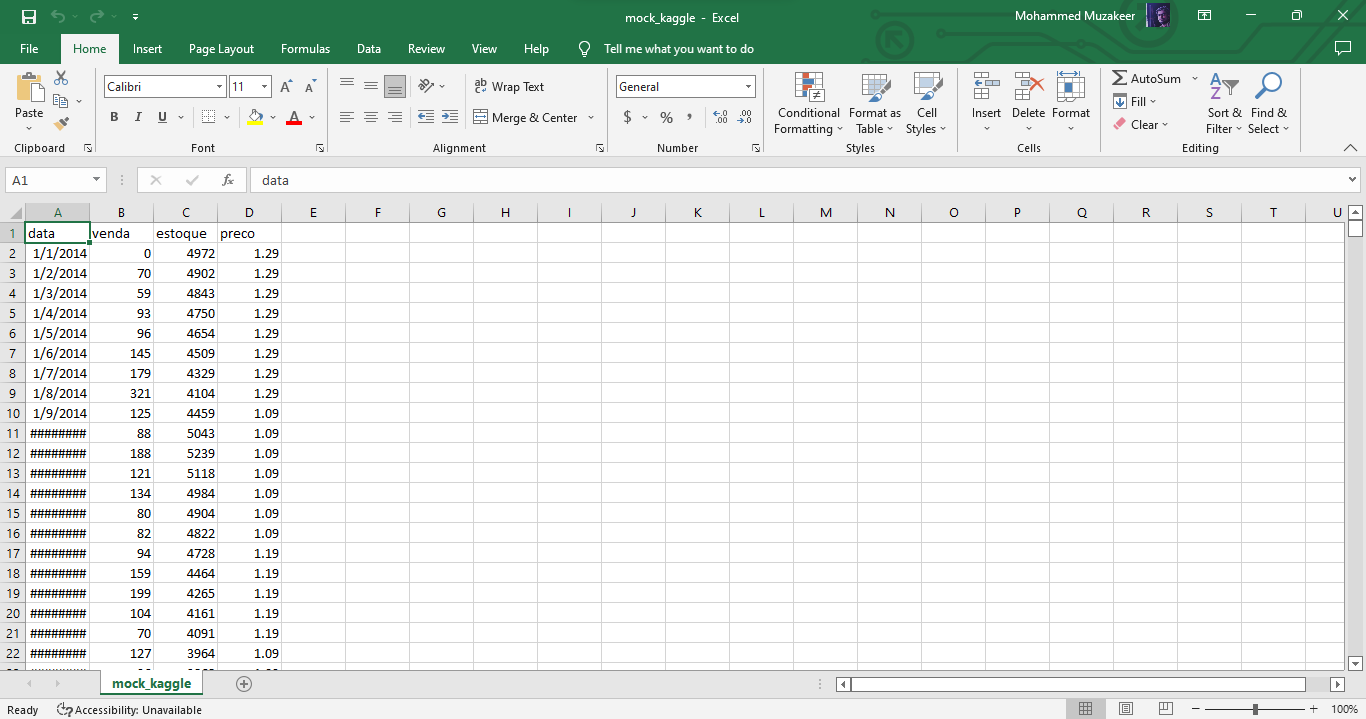
DATA EXPLORATION

* 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

DATA COLLECTION:

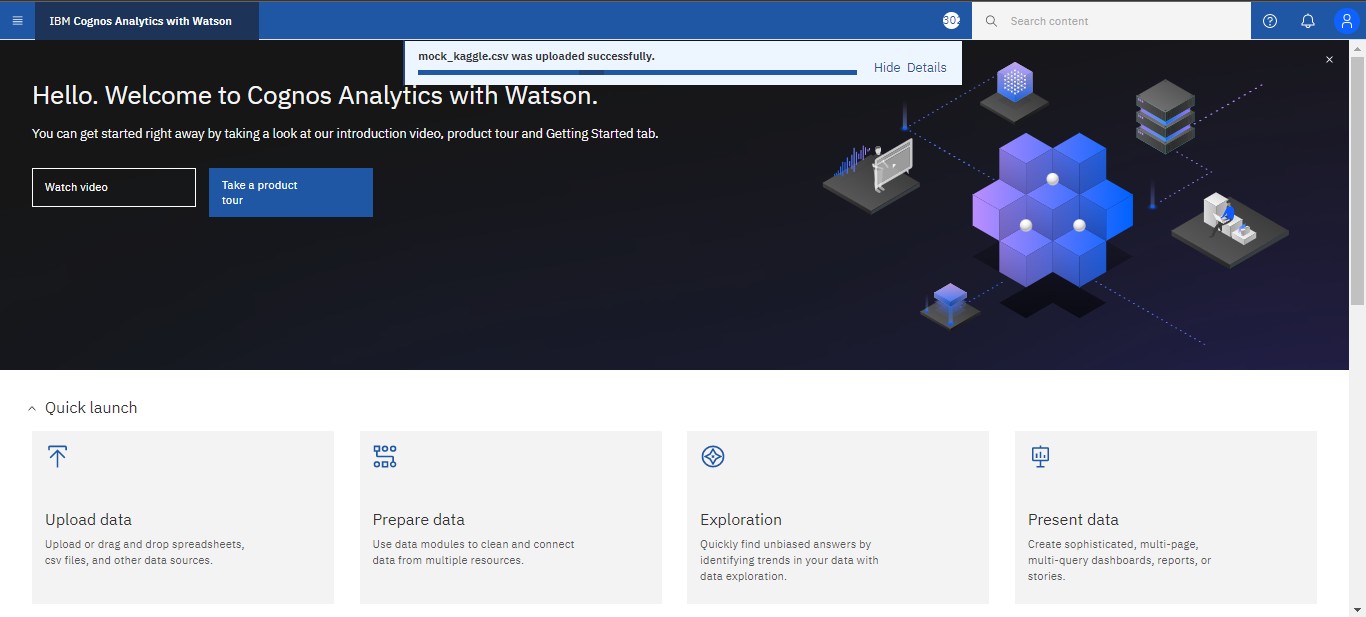
1. **Download the dataset**

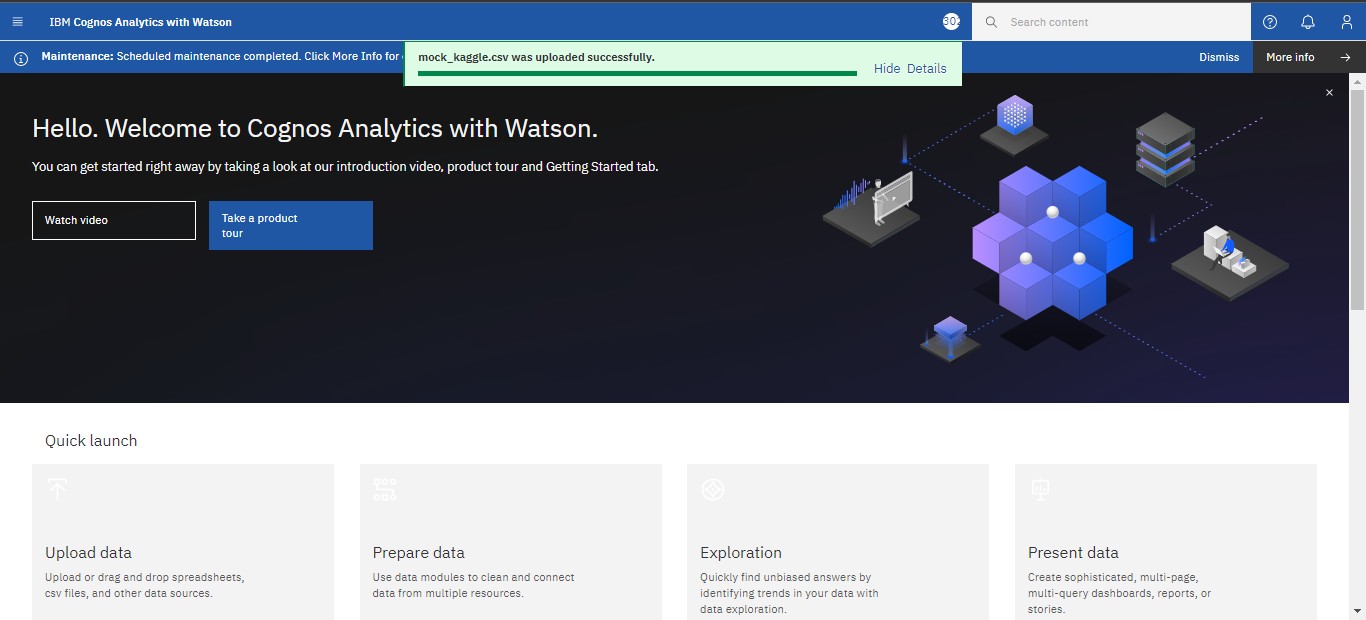
Dataset link - [https://drive.google.com/file/d/1awFIKJ9LiIdnNHwGLcsqNDbbwshFHR-](https://drive.google.com/file/d/1awFIKJ9LiIdnNHwGLcsqNDbbwshFHR-w/view) [w/view](https://drive.google.com/file/d/1awFIKJ9LiIdnNHwGLcsqNDbbwshFHR-w/view)



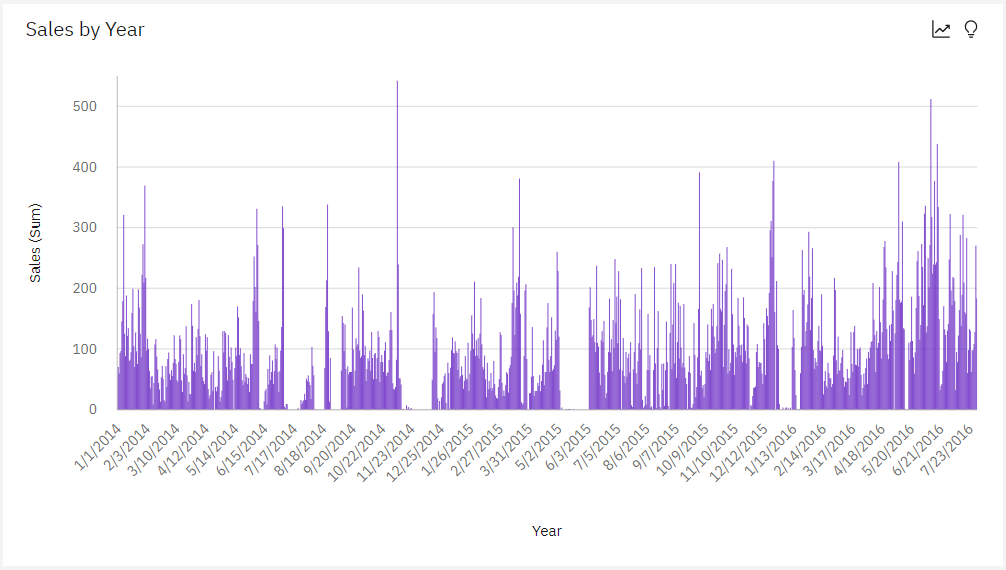
1. **Loading the dataset**

Tool Used – IBM Cognos Analytics

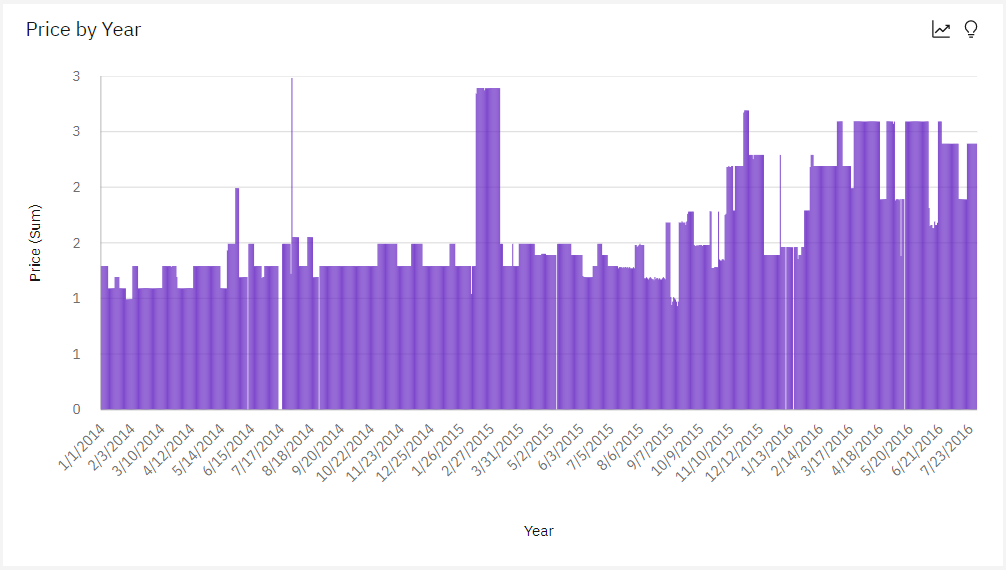


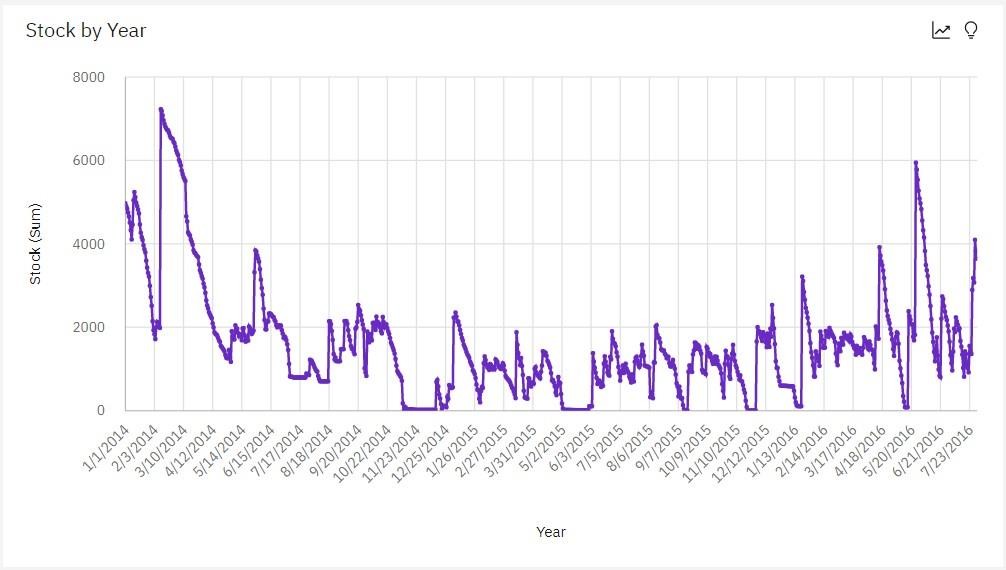


1. **Sales by Year:**

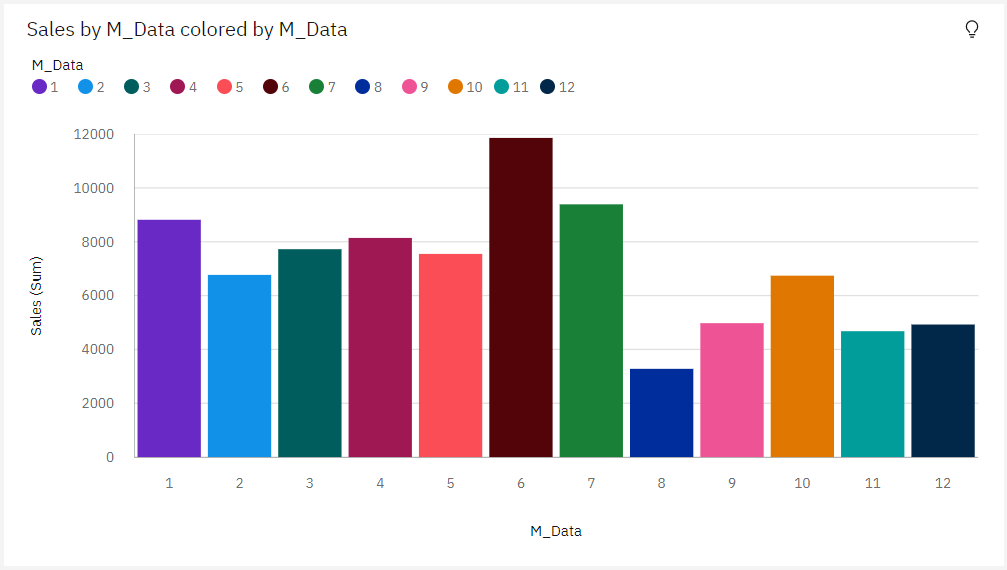


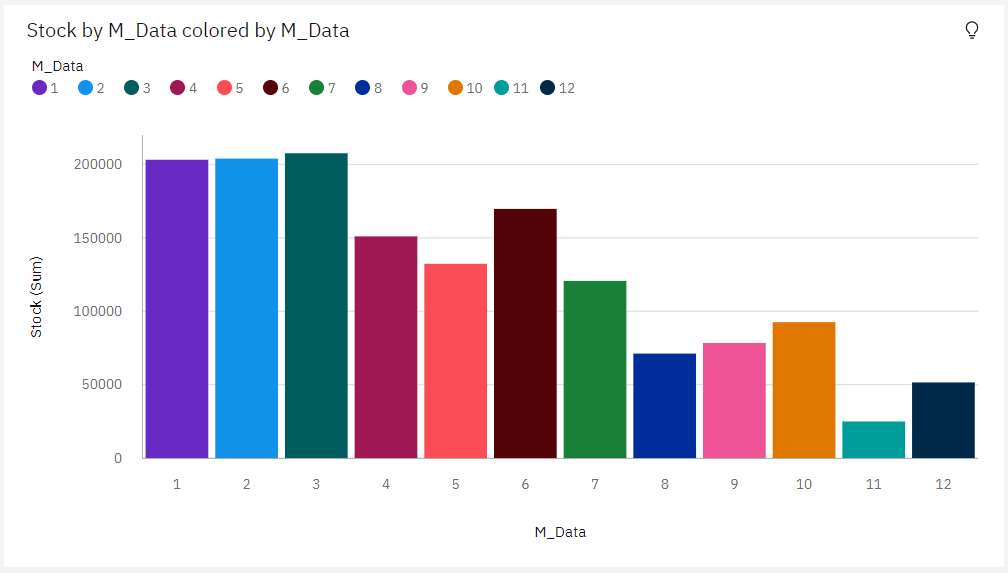
1. **Price by Year:**



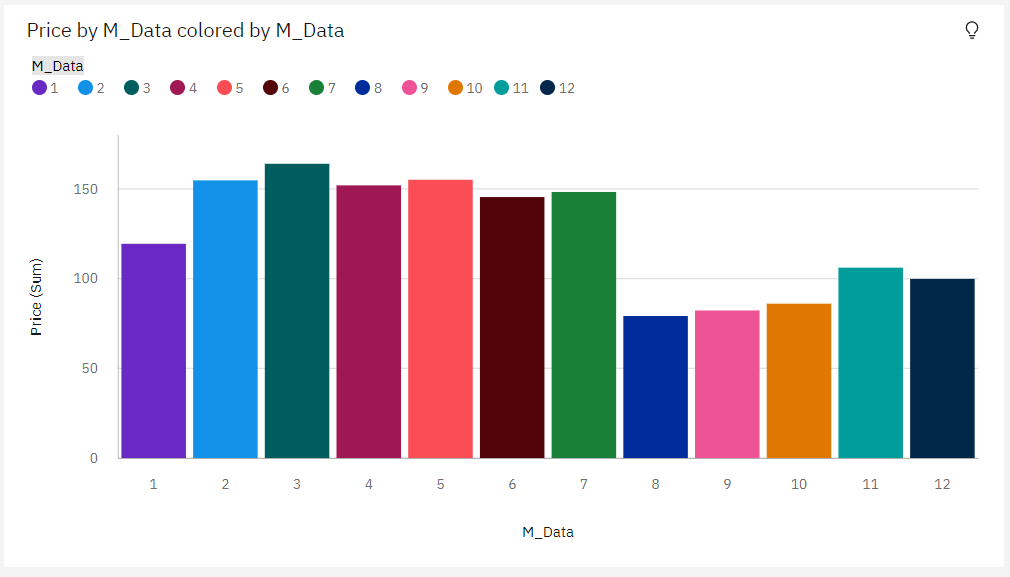


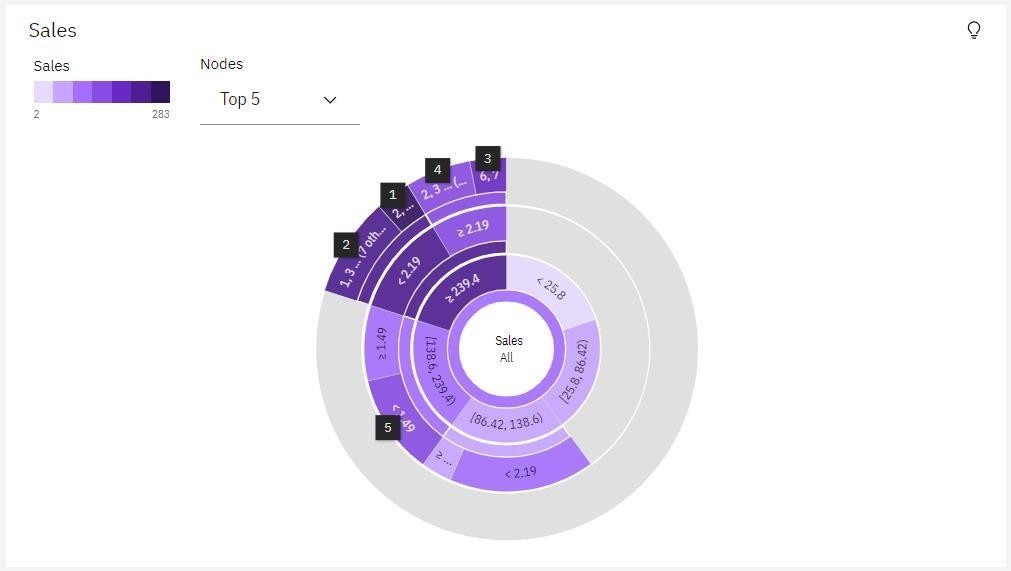
4. Sales by M\_Data colored by M\_Data:



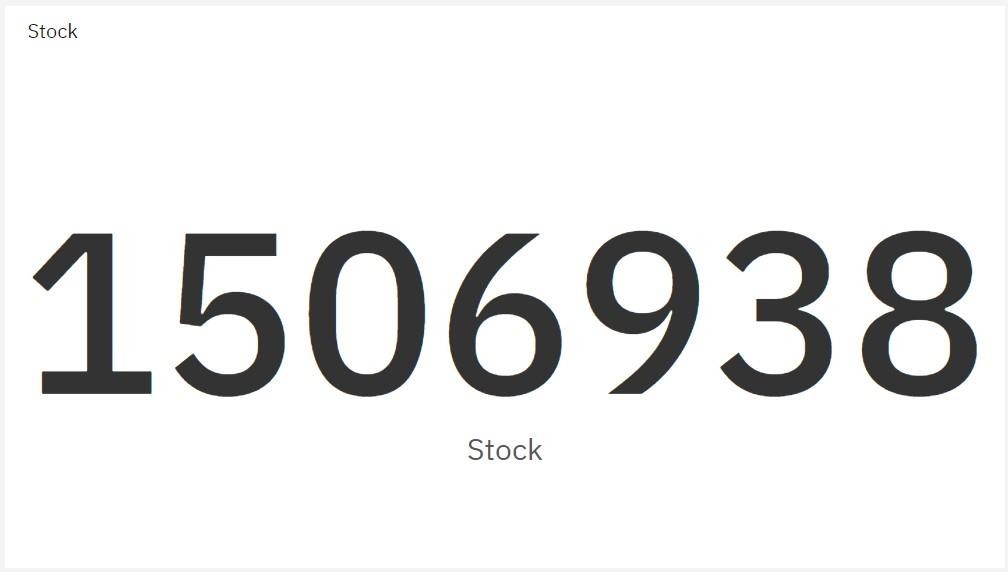


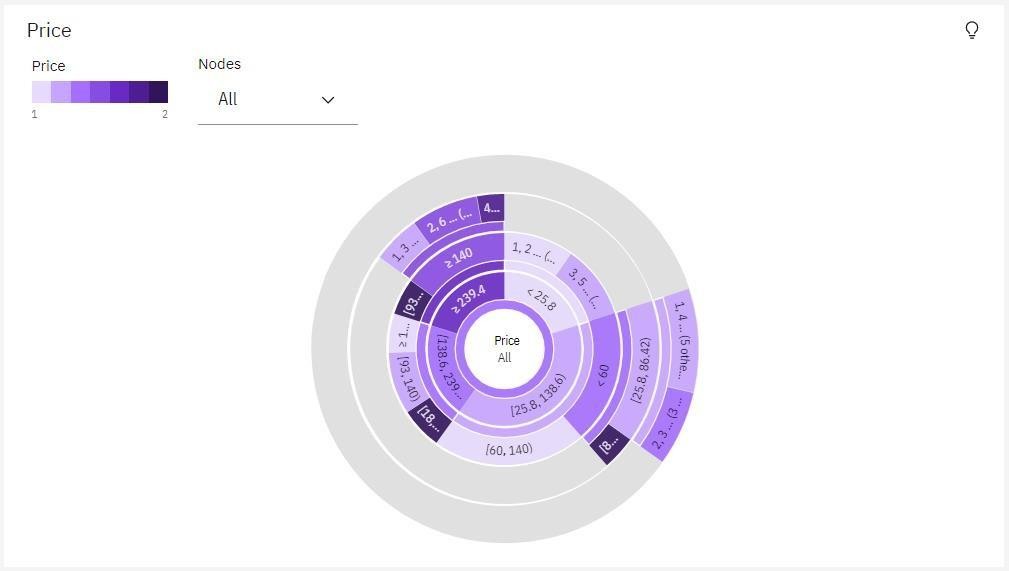
6. Price by M\_Data colored by M\_Data:



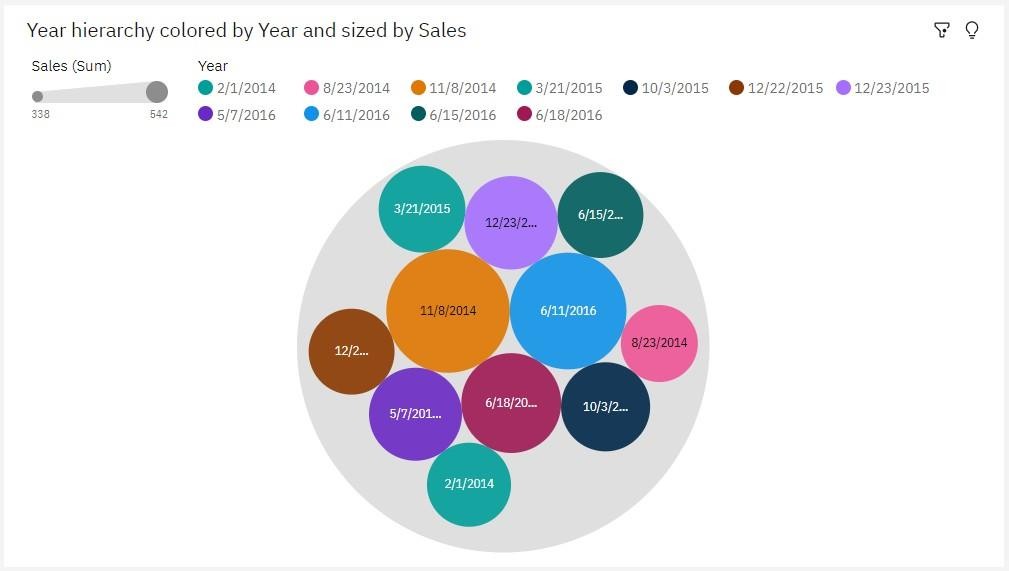


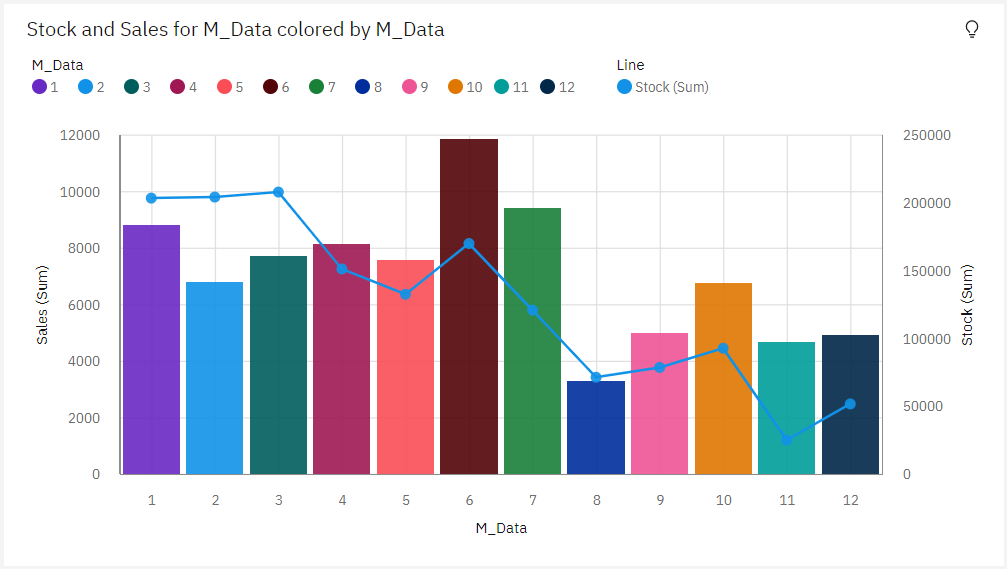
8. Stock Summary:



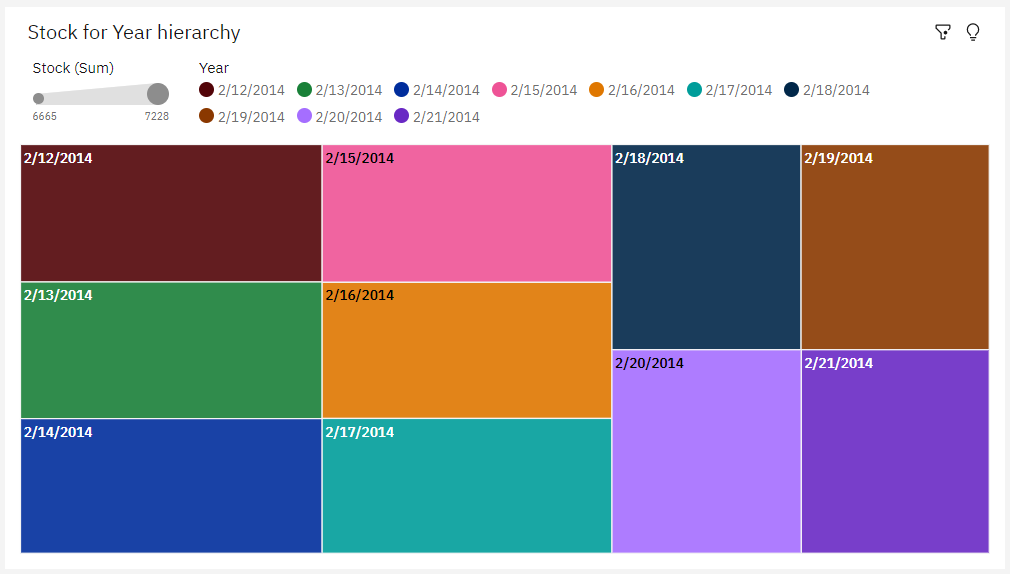


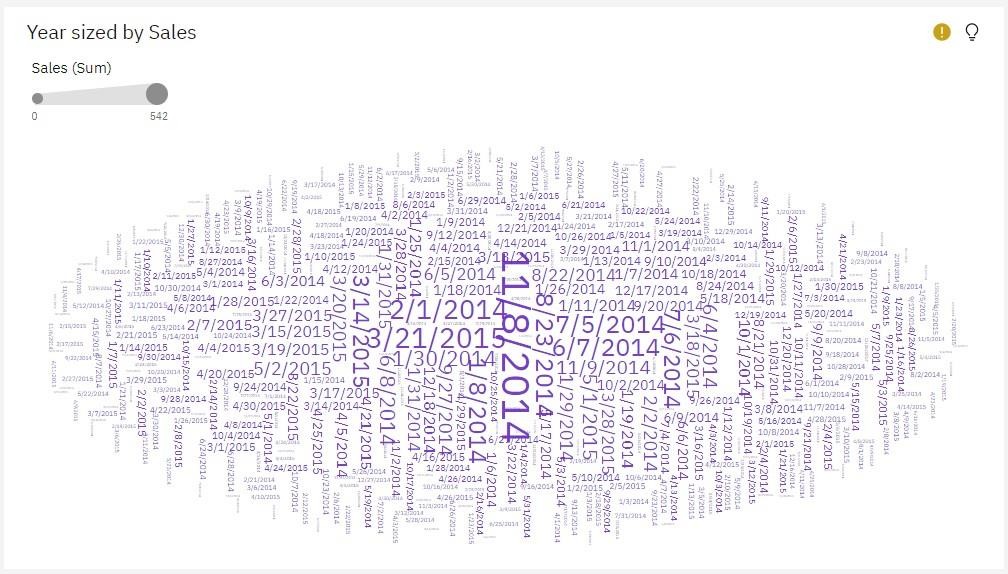
10. Year hierarchy colored by Year and sized by top 10 Sales:



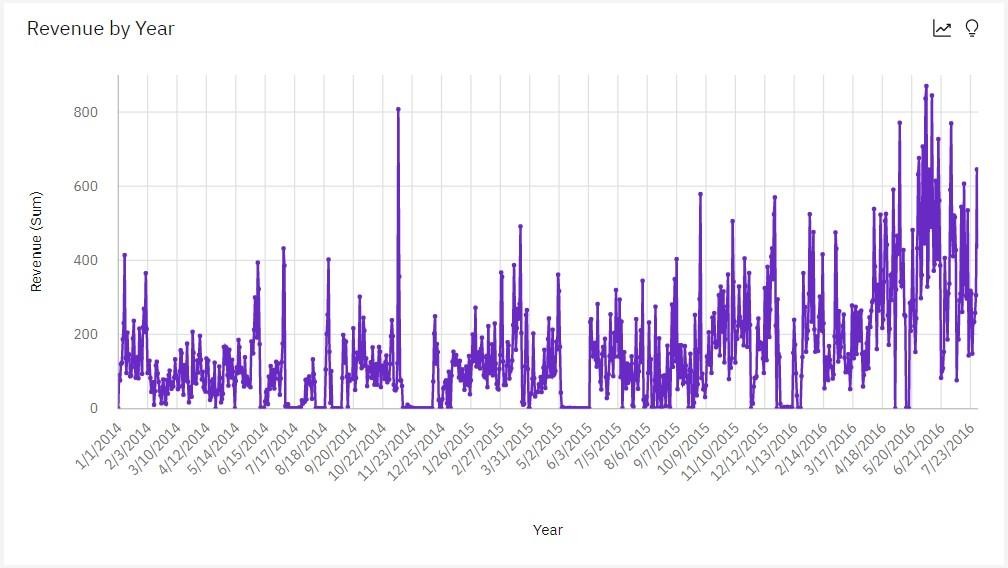


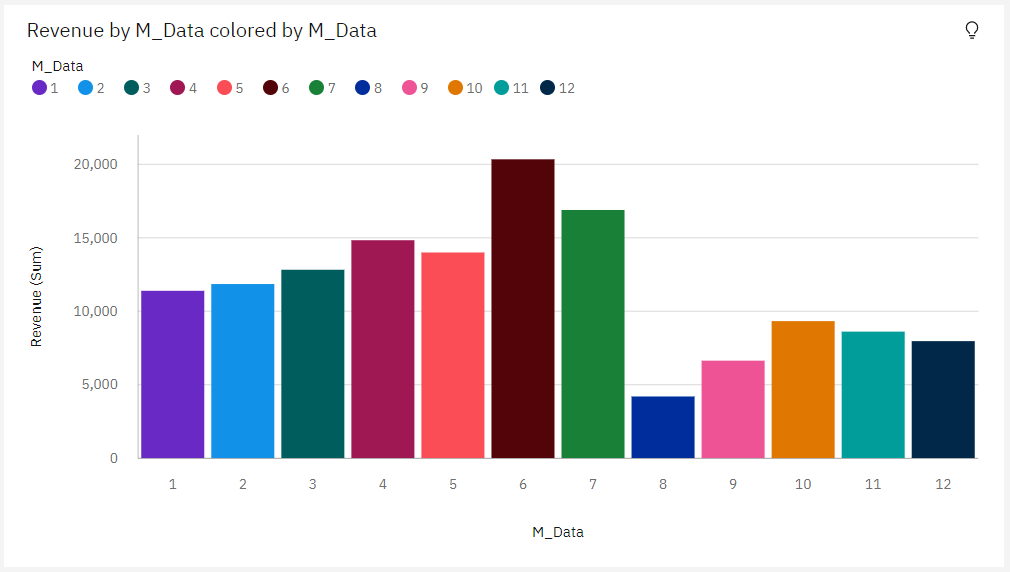
12. Top 10 Stock for Year hierarchy:





14. Revenue by Year:





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