

## DA Assignment - 3

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The growth of supermarkets in most populated cities is increasing and market competitions are also high. The dataset is one of the historical sales of supermarket company which has recorded in 3 different branches for 3 months data. Predictive data analytics methods are easy to apply to this dataset.

### Challenge:

Upload the dataset to Mysql and integrate with Tableau, delete the unnecessary columns, explore and visualize the dataset using Tableau

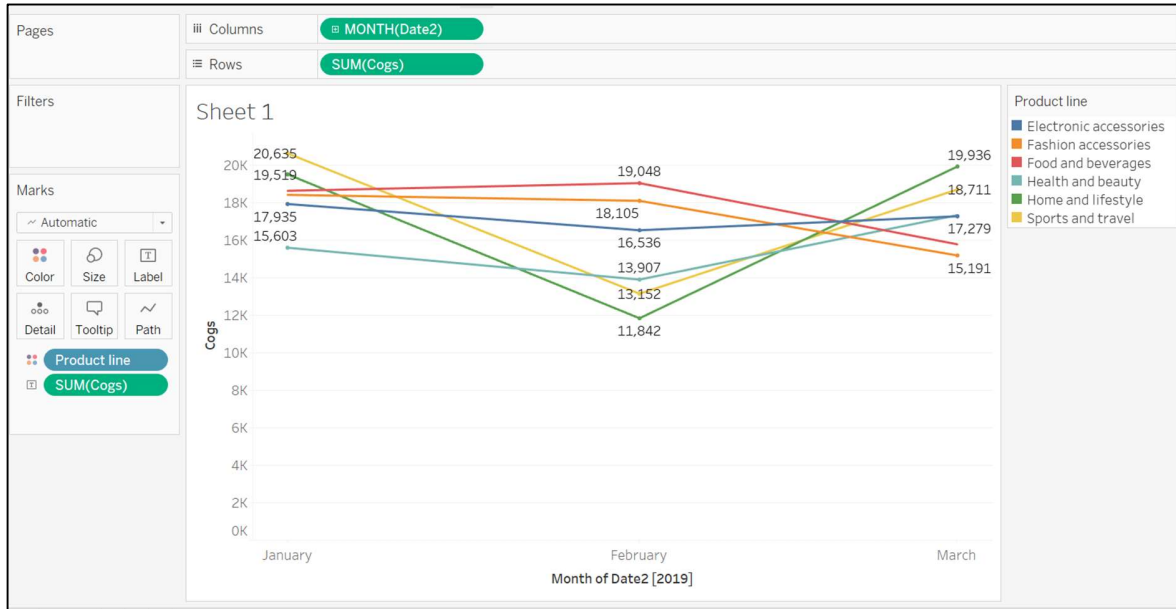
The given data was not uniform, some dates were in the format MM/DD/YYYY and some were in MM-DD-YYYY

so First we need to make them in the same format

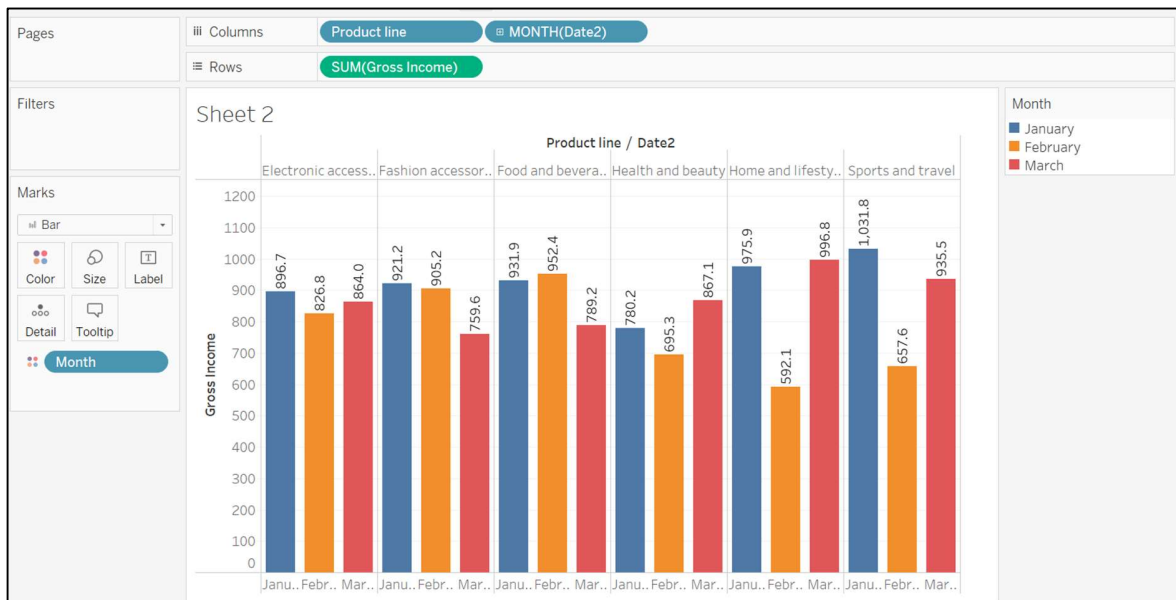
So, I made them into MM/DD/YYYY after that I got the vales of Months in words for easier identification

Abc supermarket/sales - Sheet1 (1) Date	=Abc Calculation Calculation1	=Abc Calculation Date1	= Calculation Date2	=Abc Calculation Month
01-05-2019	1/5/2019	1/5/2019	05-01-2019 00:00...	January
03-08-2019	3/8/2019	3/8/2019	08-03-2019 00:0...	March
03-03-2019	3/3/2019	3/3/2019	03-03-2019 00:0...	March
1/27/2019	null	1/27/2019	27-01-2019 00:00:...	January
02-08-2019	2/8/2019	2/8/2019	08-02-2019 00:0...	February
3/25/2019	null	3/25/2019	25-03-2019 00:0...	March
2/25/2019	null	2/25/2019	25-02-2019 00:0...	February
2/24/2019	null	2/24/2019	24-02-2019 00:0...	February
01-10-2019	1/10/2019	1/10/2019	10-01-2019 00:00...	January
2/20/2019	null	2/20/2019	20-02-2019 00:0...	February

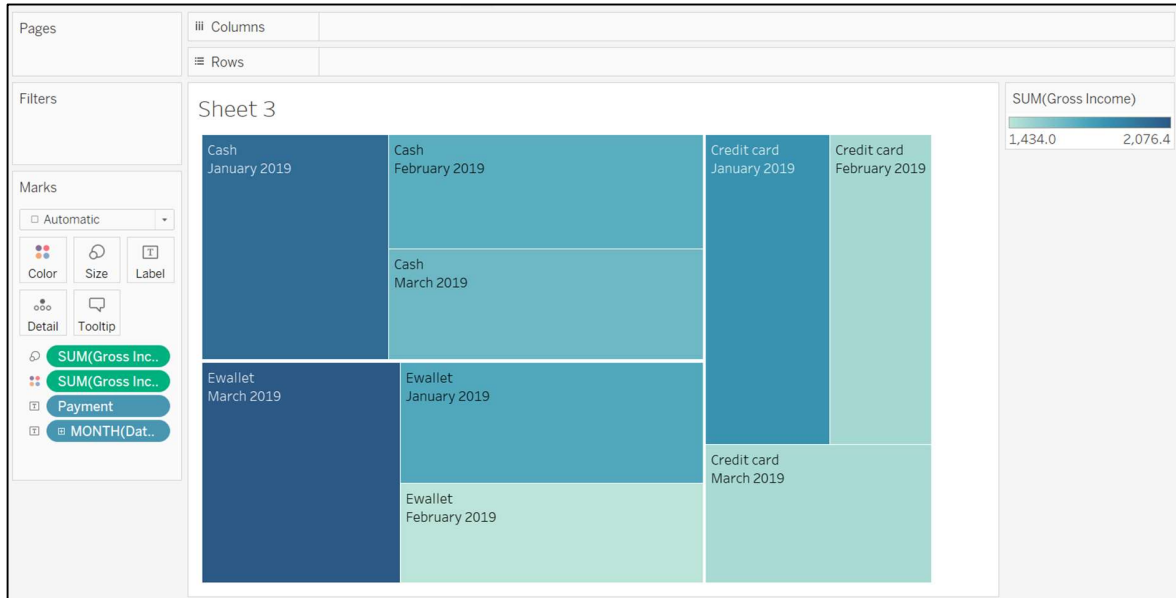
## Monthly sales by product



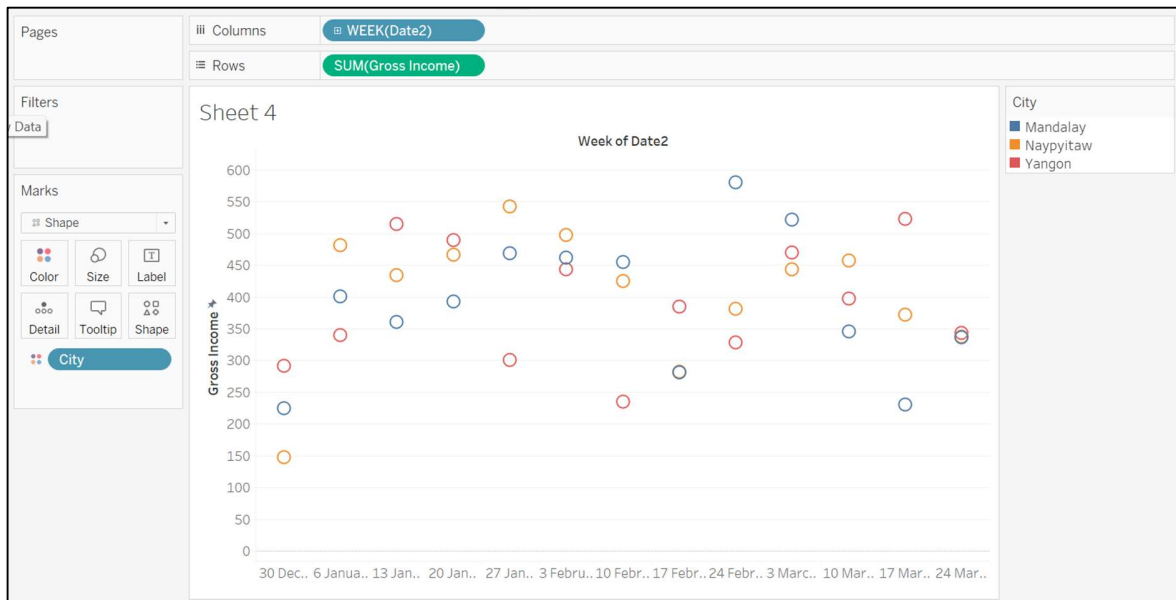
## Monthly gross income per product



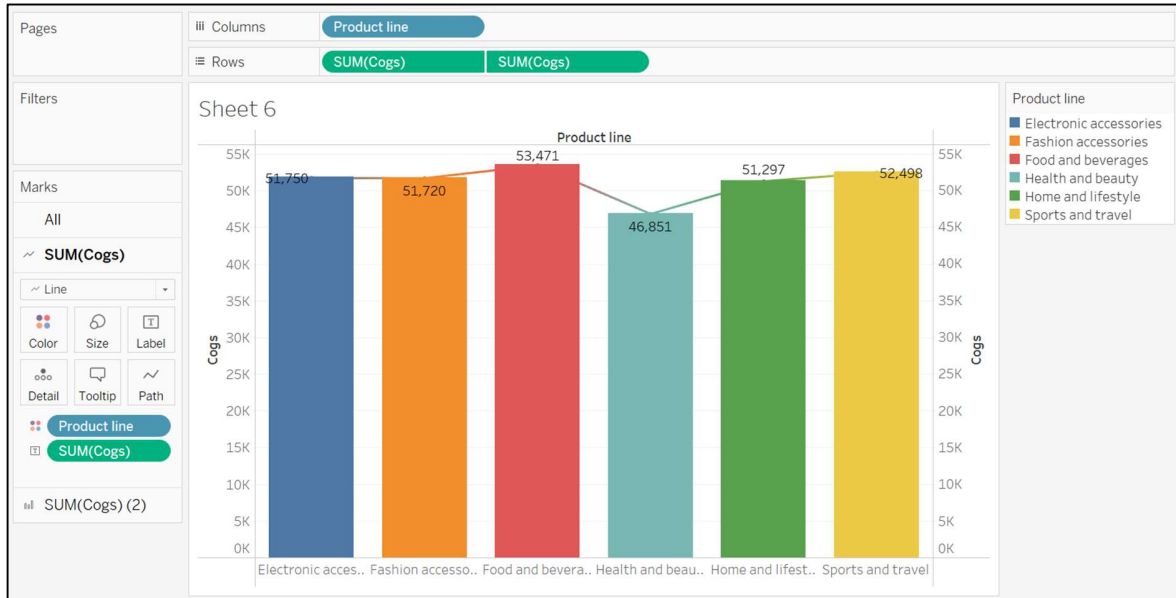
## Monthly Gross Income



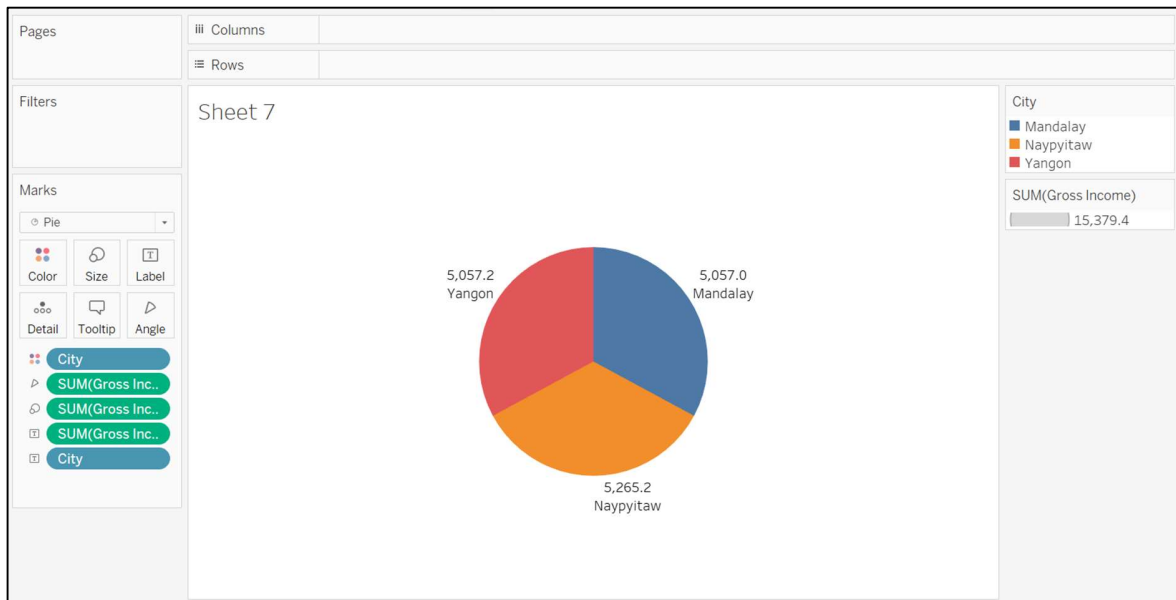
## Weekly Income per city



## Cost of goods per product



## Sales per Ciity



## Gross income per product



## City wise Ratings



Monthly sales per product per unit

