

### **Phase 3: Development Part 1 - Loading and Pre-processing the Dataset**

In this Initial Phase, We've wrapped up the first leg of our project journey. The dataset has been loaded and gone through a thorough process of cleaning and tidying up. We've squashed any pesky errors, handled missing data like a pro, and ensured everything is in tip-top shape. Our data is now sparkling clean and ready for the next exciting phase. We've set the stage for some serious data analysis, and I can't wait to dig deeper into what our data has to tell us. So, onwards and upwards!

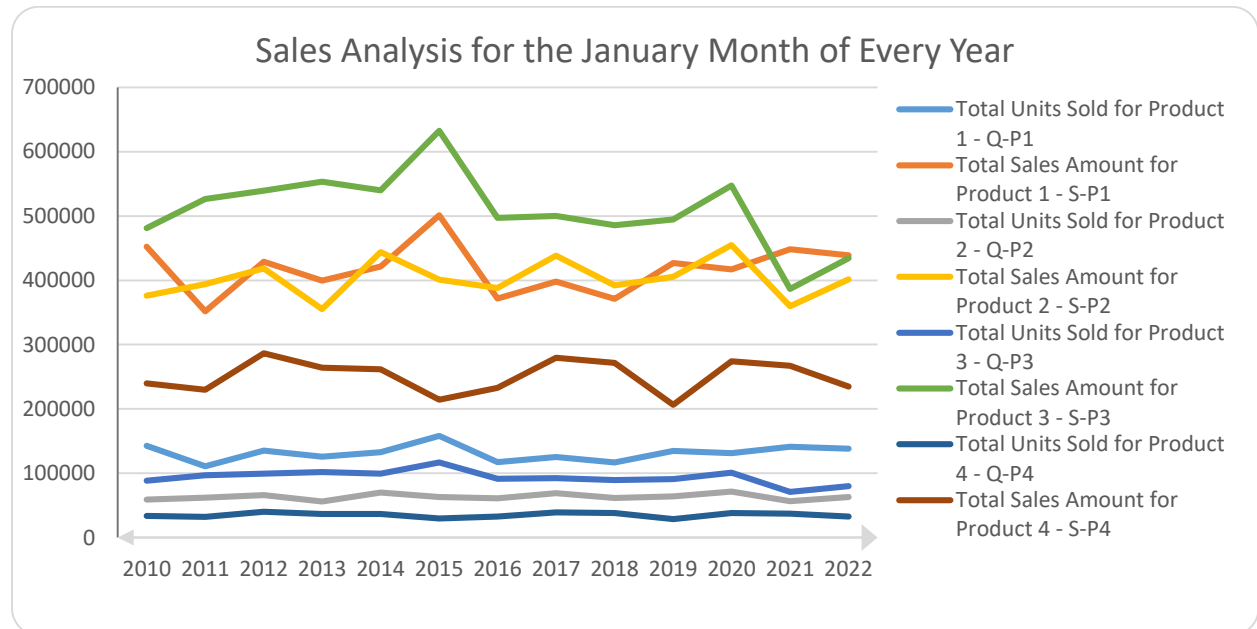
✓ Sample Analysis have been done for the above data set.

We've conducted a sample analysis for the dataset provided, focusing on 'Sales Analysis for Each Month of Every Year.' This preliminary analysis served as a crucial step to ensure the accuracy and reliability of the data as we prepare for the upcoming phases of our project. By examining sales data for each month across multiple years, we've verified that the dataset is in good shape and ready for more in-depth analysis.

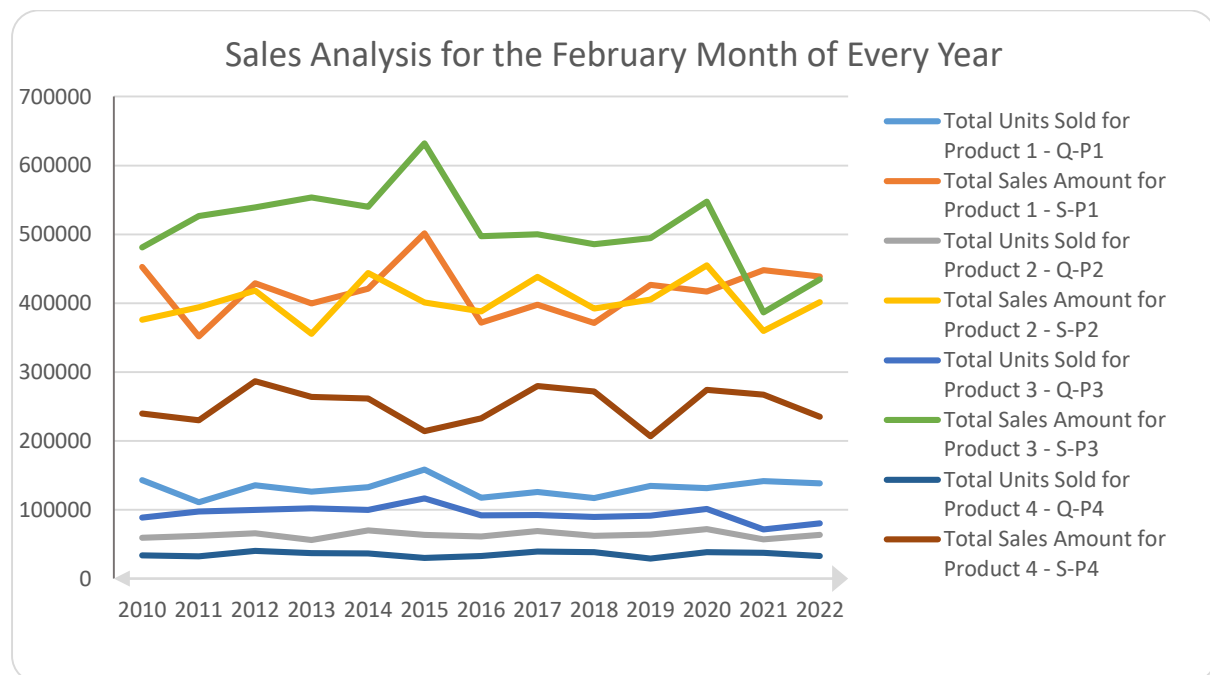
### Sales Analysis for the Each Month of Every Year:

In this we have analysed and visualised the sales and quantity for every month to find the peak reach to increase the revenue for the upcoming years.

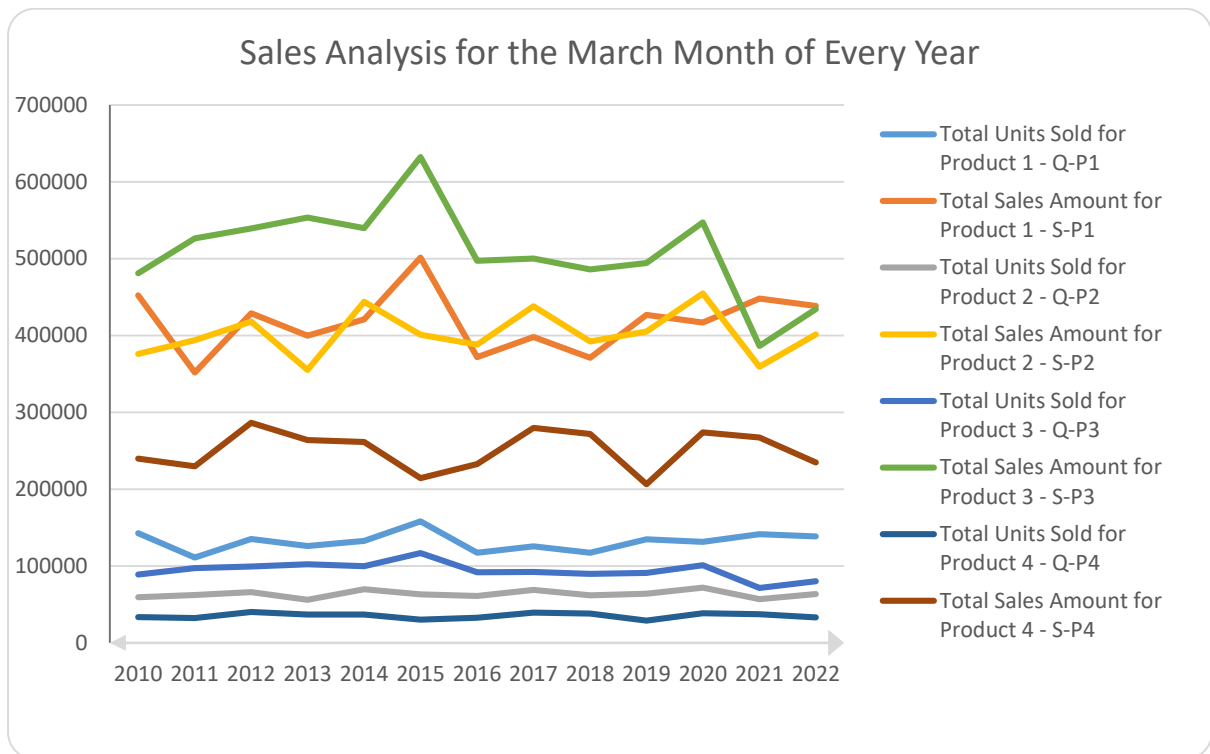
#### 1. January



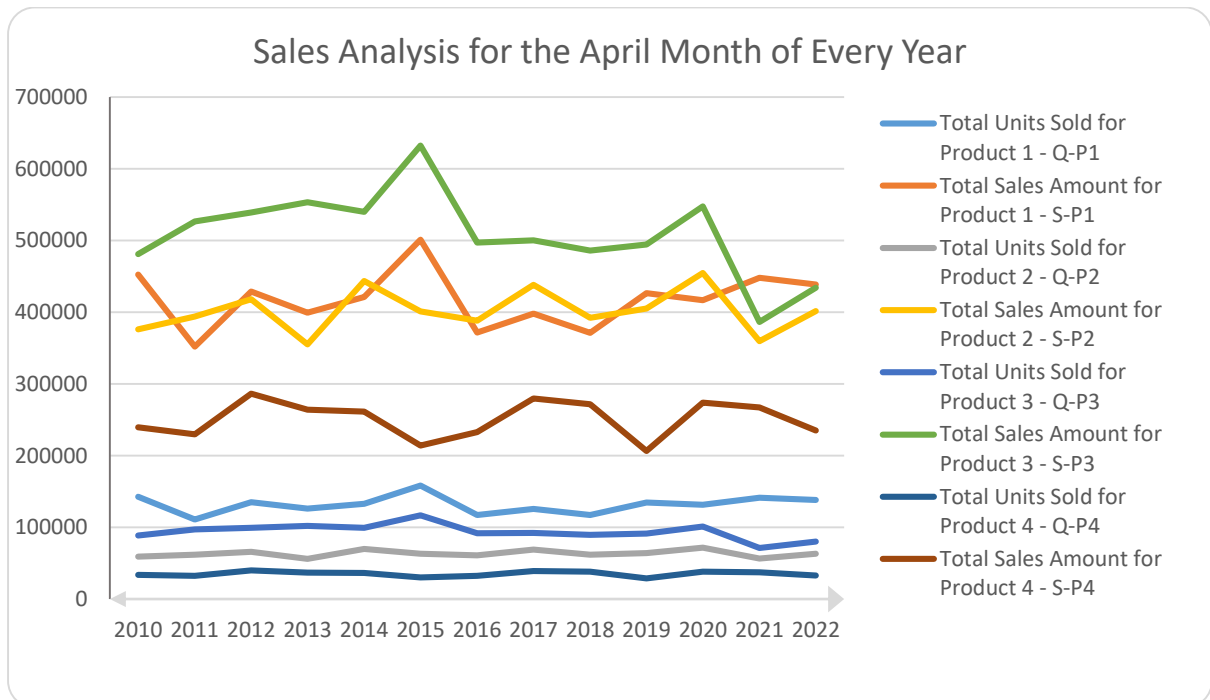
#### 2. February



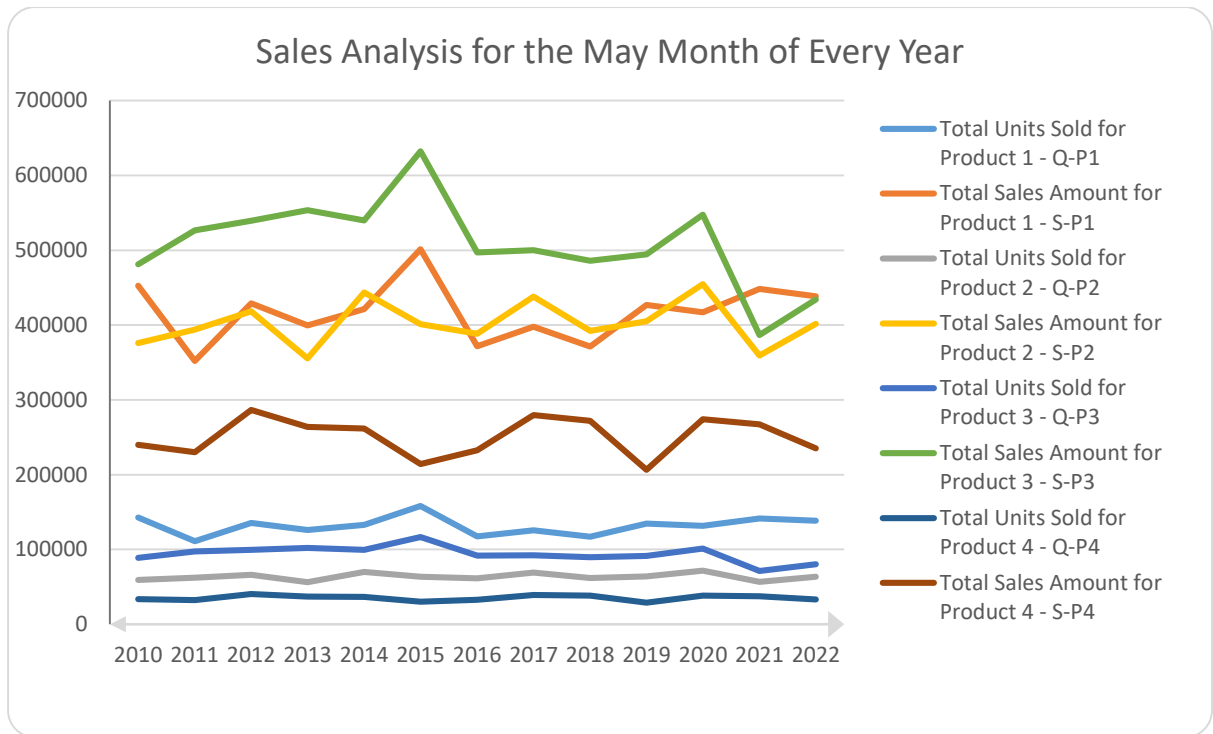
### 3. March



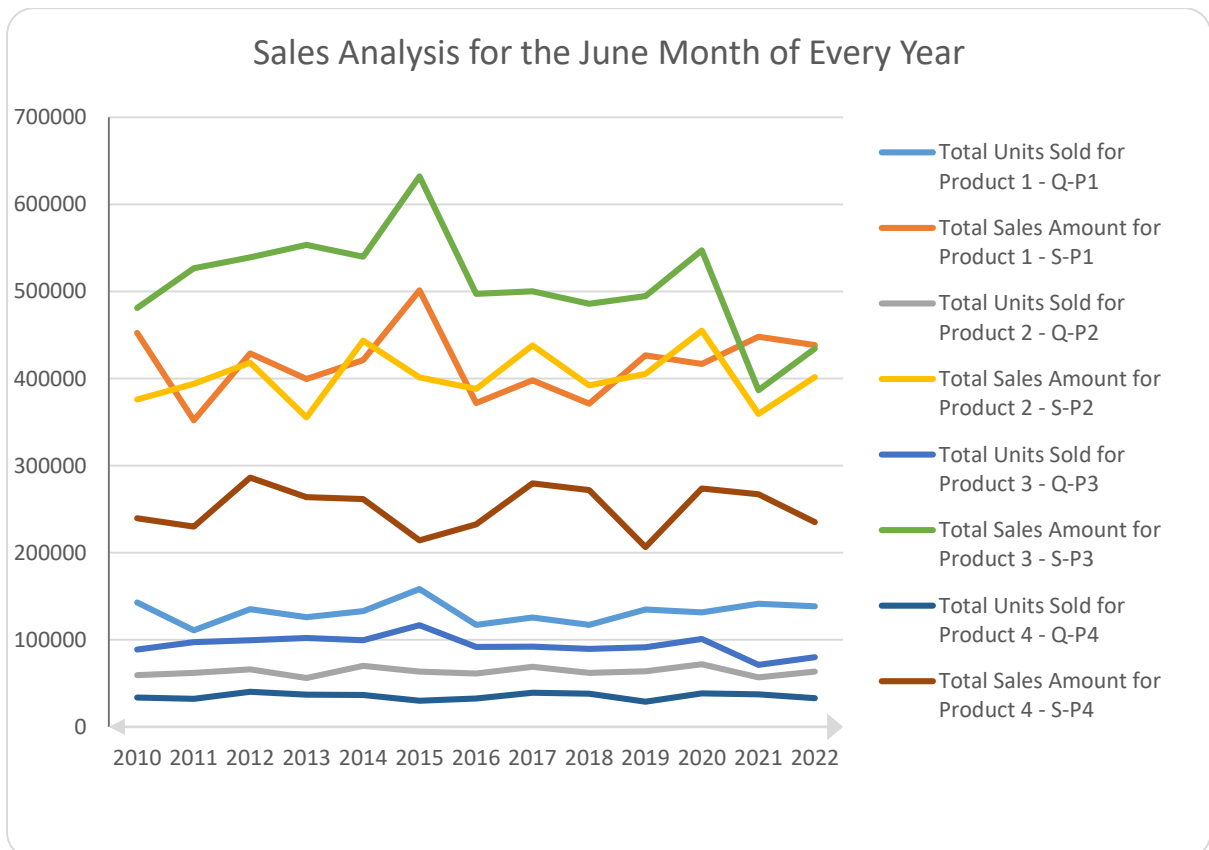
### 4. April



### 5. May

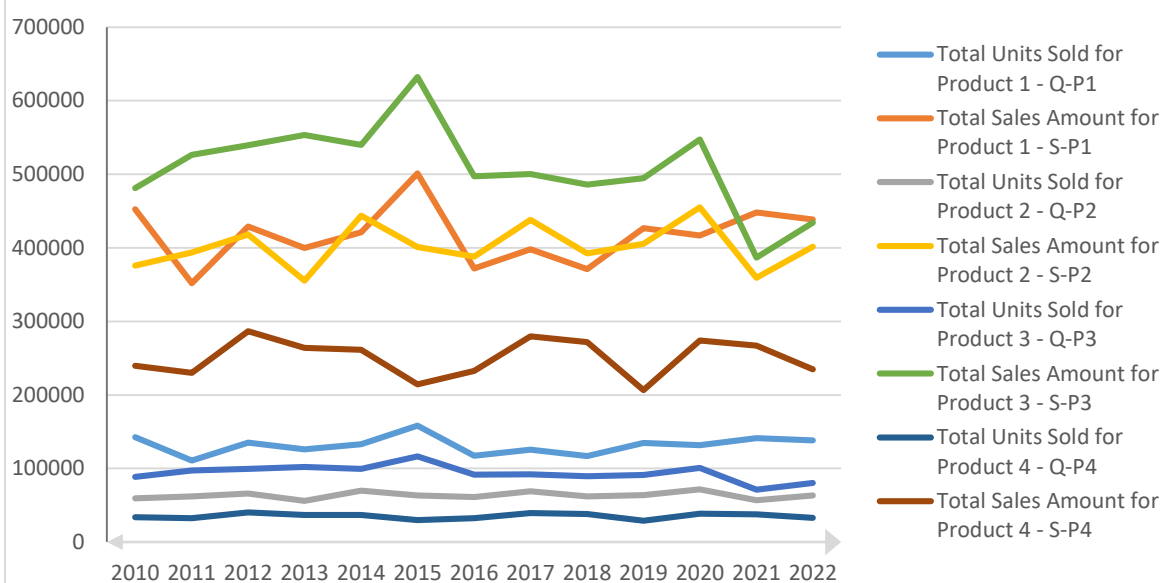


#### 6. June



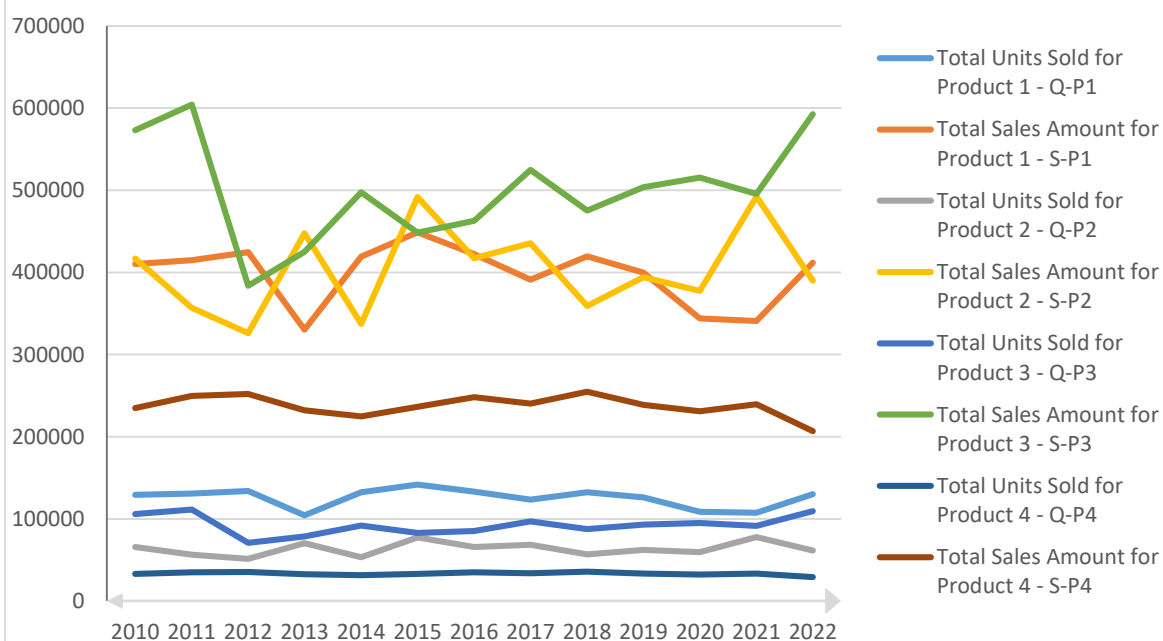
#### 7. July

### Sales Analysis for the July Month of Every Year

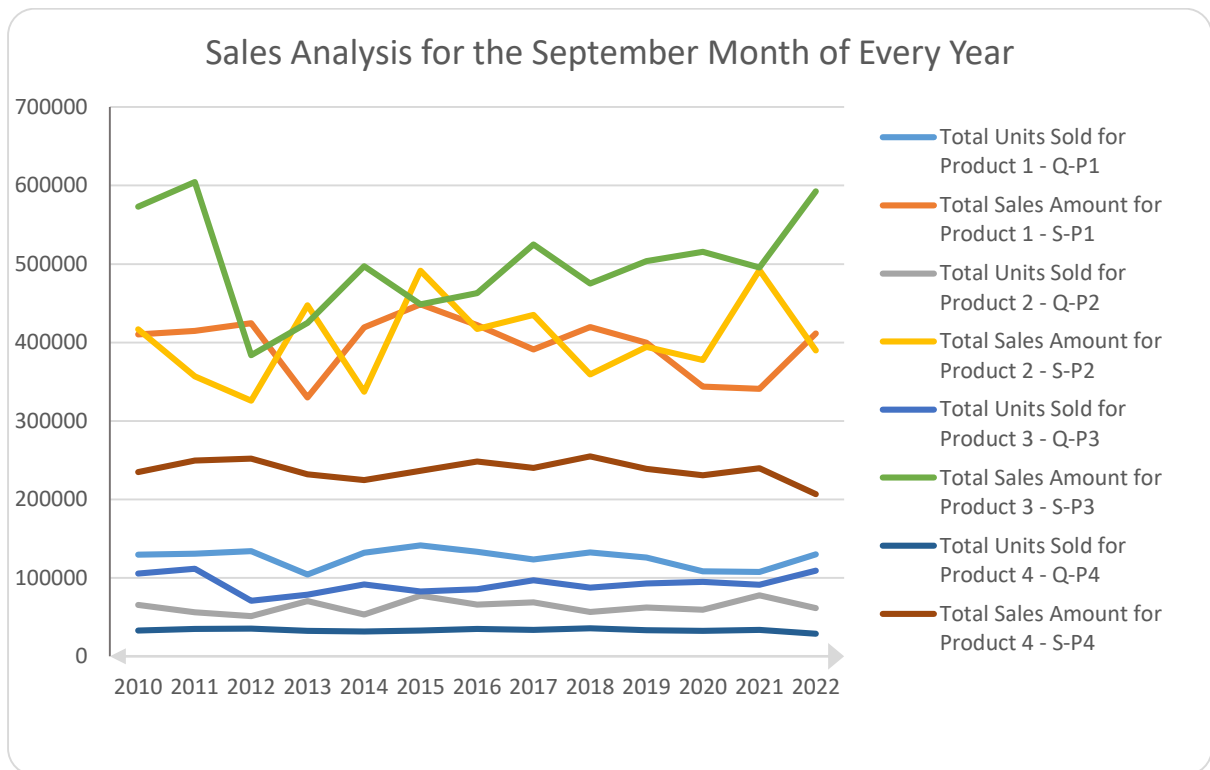


## 8. August

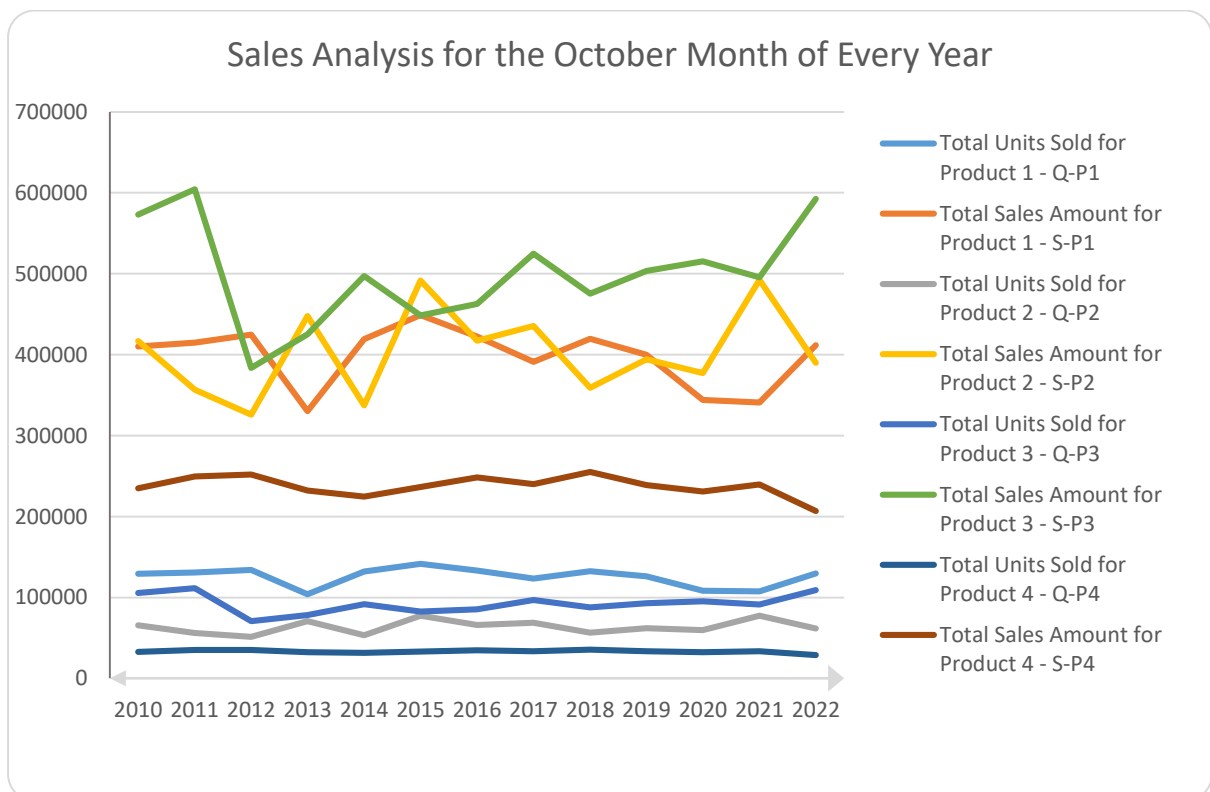
### Sales Analysis for the August Month of Every Year



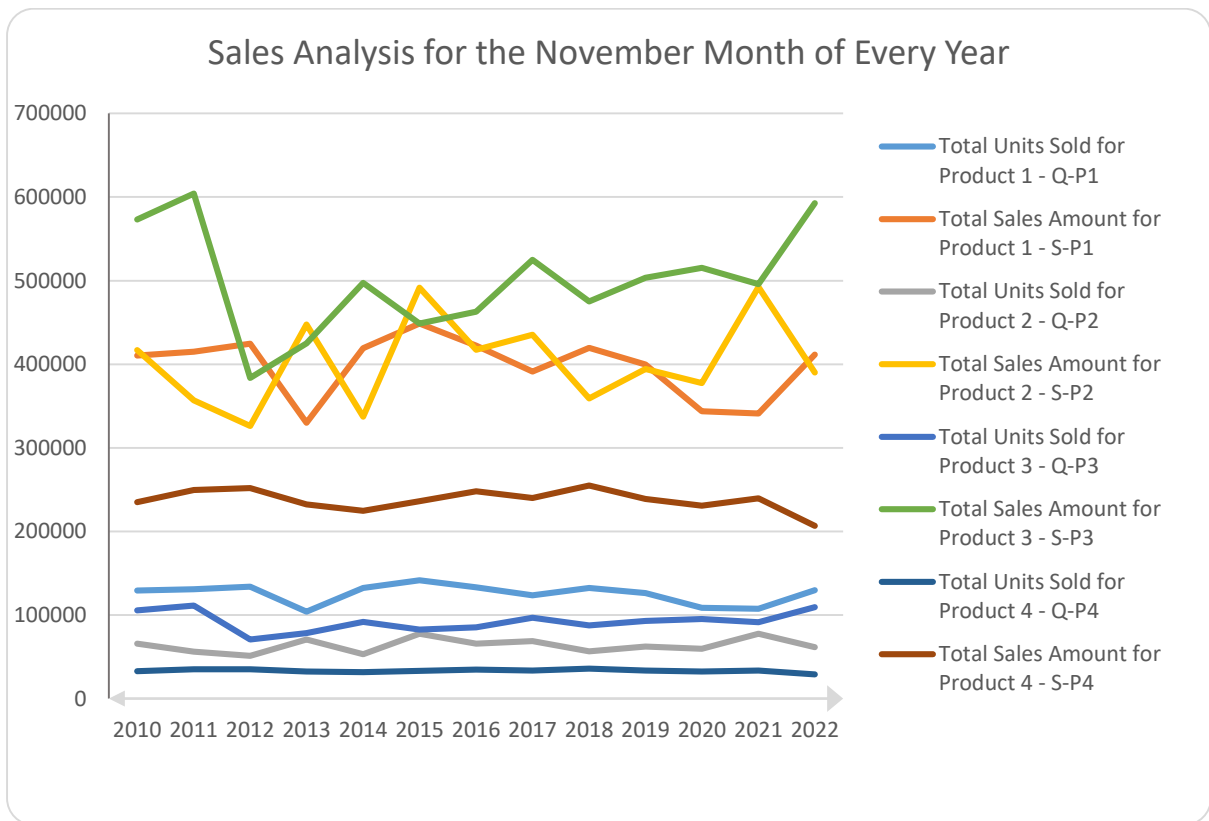
## 9. September



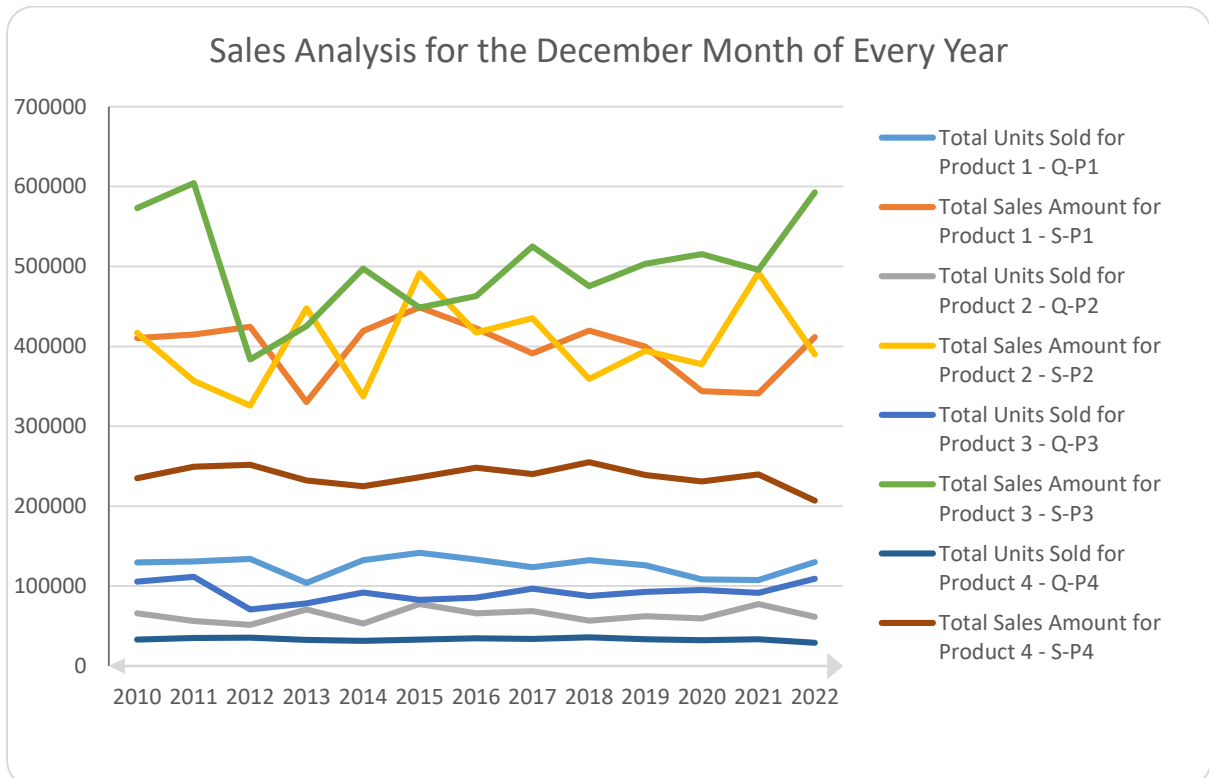
## 10. October



## 11. November



## 12. December



### My Interpretation

If we analyse in more accurate way, even we can get the future date for the more sales for which product. This below table summarises the whole data in simple format.

Product List		Year	Value
Product 1	Units Sold	2014	1572144
	Sale Value		4983696.48
Product 2	Units Sold	2017	808843
	Sale Value		5128064.62
Product 3	Units Sold	2020	1175277
	Sale Value		6370001.34
Product 4	Units Sold	2020	419854
	Sale Value		2993559.02

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