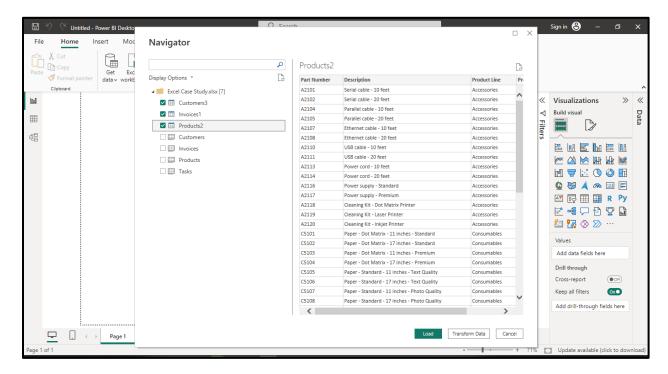
Msc Data Science Sem 1

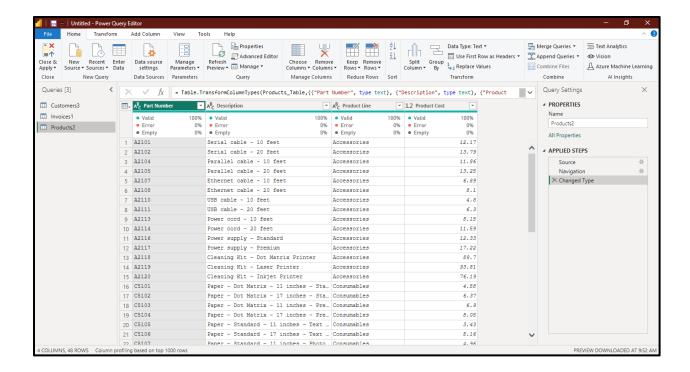
DATA VISUALIZATION

Assignment no.1

Using the Excel file provided complete the following steps.

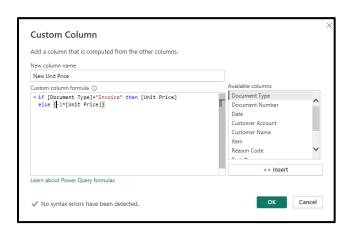
- 1. Get the data into Power Bl.
- 2. Perform any basic cleaning if required in the data using Power Query.
- 3. Create the required relationships in the data model.
- 4. Create a basic report highlighting the important KPIs for the data set provided.
- 1. Get the data into Power Bl.





2. Perform any basic cleaning if required in the data using Power Query.

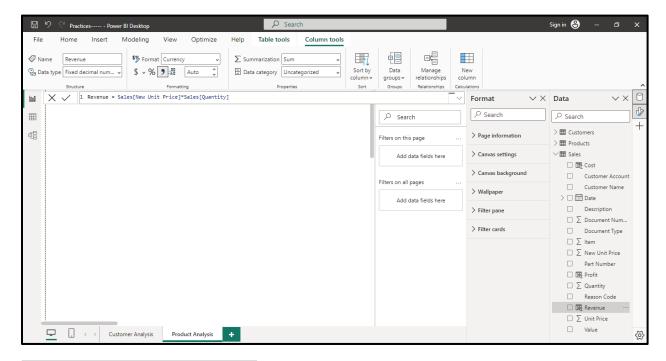
Custom Table- New Unit Price : Because the Unit Price has all the positive number even if it is return



Conditional Table- Value: if unit price is small then 0 then we will make it as return or if new unit price is lesser than 100 then it is Sale or else it is premium

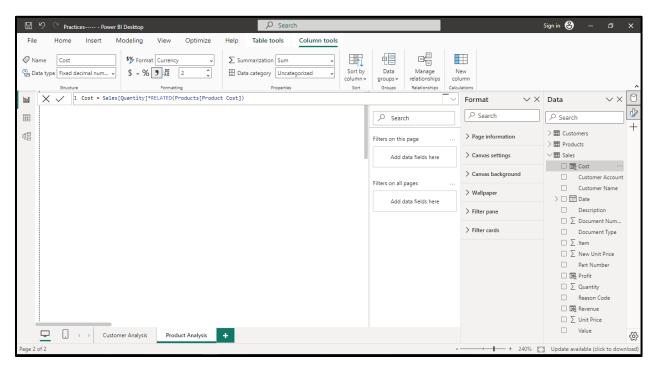
ew col	lumn name							
/alue								
	Column Name	Operator	Value	0		Output	1	
f	New Unit Price *	is less than	→ ABC →	0	Then	ABC +	Return	
lse If	New Unit Price *	equals	* ABC 123	0	Then	ABC +	Free	
lse If	New Unit Price *	is greater than	* ABC 123	0	Then	ABC +	Sale	
lse If	New Unit Price *	is less than	* ABC 123	100	Then	ABC +	Sale	
se ①	Premium							

Measure - Revenue = New Unit Price *Quantity



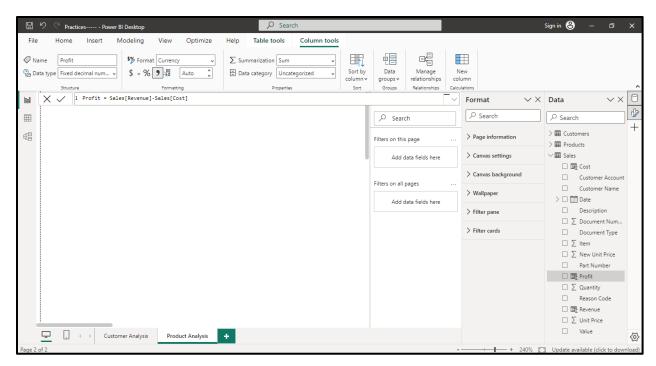


Measure:Cost =Quantity*Product Cost



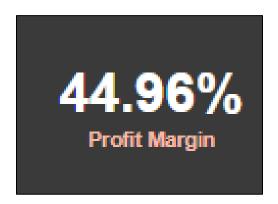


Measure: Profit = Revenue -Cost

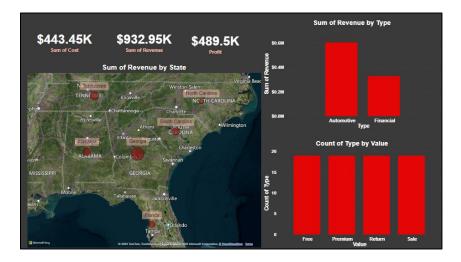




Profit Margin = Profit/ Revenue



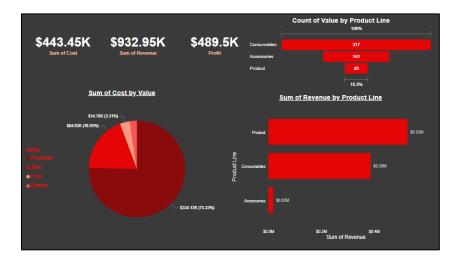
Customer Analysis



In the Visual we can see:

- The Revenue by Its type here Automotive is more than Financial
- Value is Same for Type
- Map using region

Product Analysis

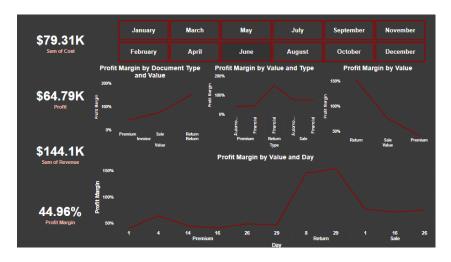


We can see in this visual

Value by Product Line where Product is small than Accessories

Cost by Value where return and free is minimum

Profit Margin



Profit Margin based on Month

Margin By Value

It is analyzing in days