Introductions

This PDF Describes

how I Work on the data set

create insights to answer the Questions

Create insights as my view point to describe more data

PDF Index

How I work on The Projects

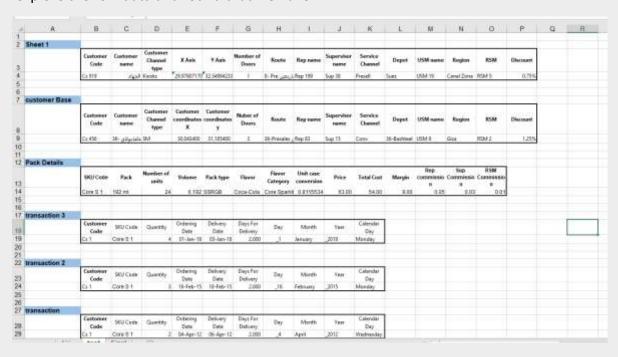
- 1-Loading and modeling data
- 2-Make relations of tables
- 3-Add columns to calculate profit
- 4-Sequence of slides
- 5-Extra Insights

Answer the question

How I work on The Projects

1-Loading and modeling data

I explore the row data and found that we have



And we can merge them via power bi using 'append queries'

After merging the result is 3 tables:

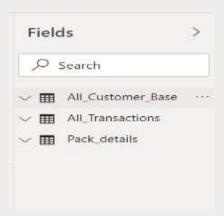
<u>All customer base:</u> This the table is the result of merging the 2 tables of 'sheet1' & 'Customer Base' which describe all the customer characteristics and figures now in one table

<u>All Transactions:</u> This Table is the result of merging the 3 Tables of Transactions 1,2 and 3 which provide to us all transactions that had been done I the last 9 years with the dates.

<u>Pack details:</u> this table did not need to be merged and it describe all product that the company sell.

And these 3 tables include all row date of all 6 tables in excel sheet.

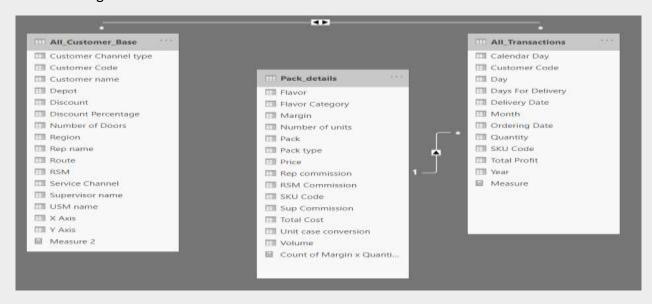
And now we have the following tables:



Now we need to make a relation between the 3 tables which include all row data after merging them.

2-Make relations of tables

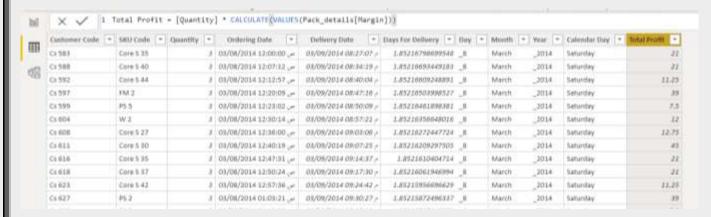
The following show the relations which I create between tables.



Pack_details [SKU Code] ----> All_Transactions [SKU Code] One to Many

All_Customer_Base[Customer Code] ----> All_Transactions[Customer Code] Many to Many

3-Add column to calculate profit



And the dax query is

Total Profit = [Quantity] * CALCULATE(VALUES(Pack details[Margin]))

Which we can calculate the profit margin of every transaction by multiply the quantity which the customer order with the margin of it with the relations between SKU Code of the two tables

I review random cells to make sure that the result is right.

4-Sequence of slides

The Following is the dashboards which I create:

Overview Of Last 10 Years

Regions Profits

Regions Profits Day By Day

Packs Profits

Packs Profits Day By Day

Customer Profits

Customer Profits Day By Day

Customer Base Profits

Customer Base Profits Day by Day

Day By Day Insights

Discount Insights

Discount Insights Day By Day

The day by Day Dashboards I add Date Filter By year ,month and day

5-Extra Insights

I tried not to answer the questions only but there is extra insights and charts as calculate profits by

- --Regions
- --customer base
- --make insights for all 9 years
- --make insights for every day in the last years

Answer the question

• What are the most profitable packs? And why?



And we can check the daily profit in the packs profit day by day

• What are the products we should focus on to try and sell more of them to increase the profit?





• Who are the best RSMs, USMs, and reps (Whom shall we keep and whom shall we let go) in light of their current performance? What fair metric can we use to do this evaluation? And why?



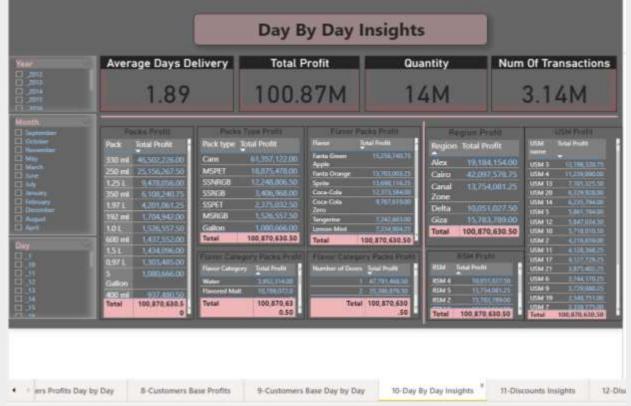


You can check daily profit in the next slides

• What is the average cooler door profitability? Does it differ between customers who have 1 door vs 2 doors vs 3 doors? Who are the customers that we should reduce/increase their number of cooler doors?



• What is the average time to deliver products? Does it differ by depot? Did it improve over time?



• Who are the most profitable customers? What are the characteristics of a profitable customer?



• Can we project volume for 2021?



• Does discount influence customer sales?



