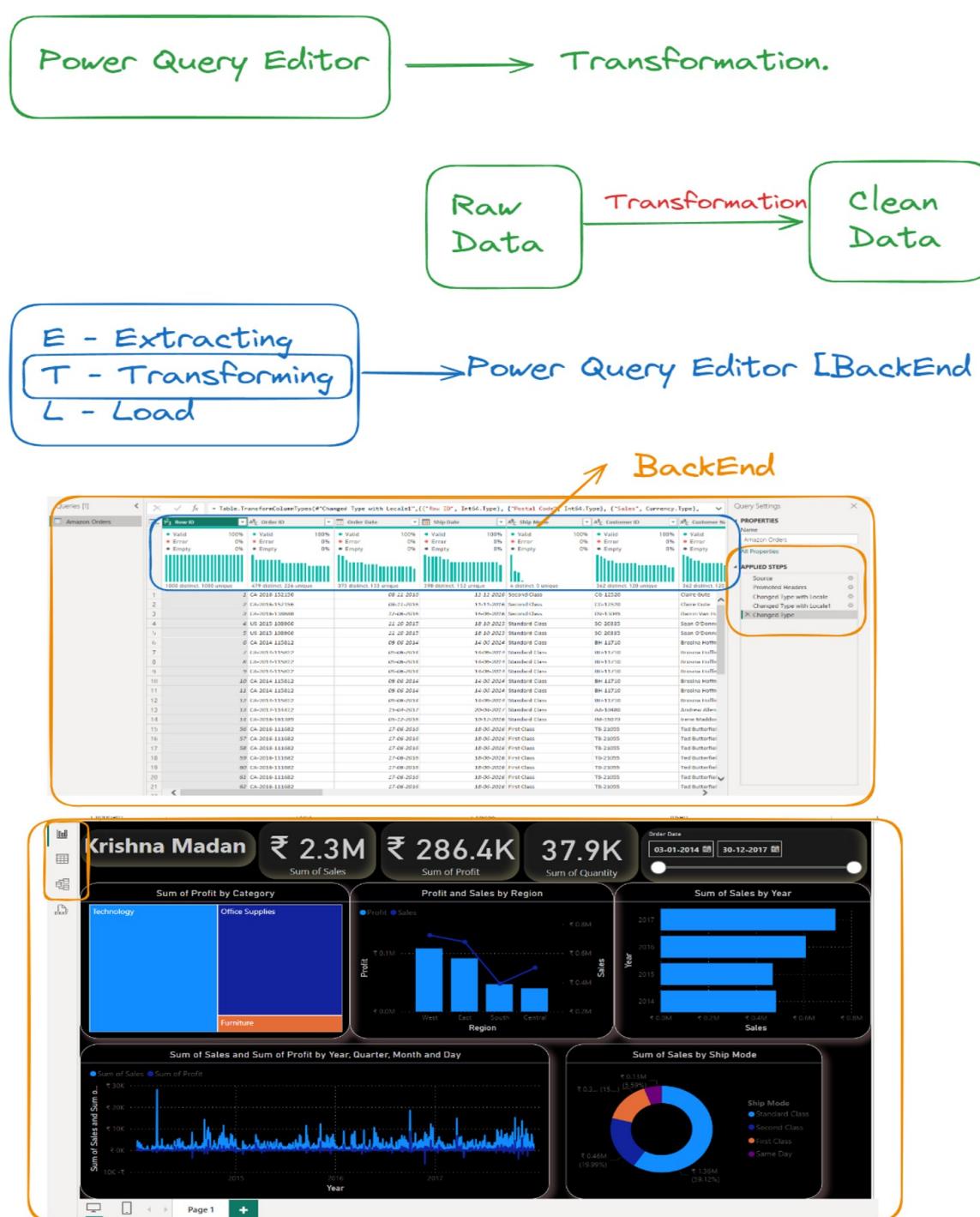


Integrating Excel With Google Sheet

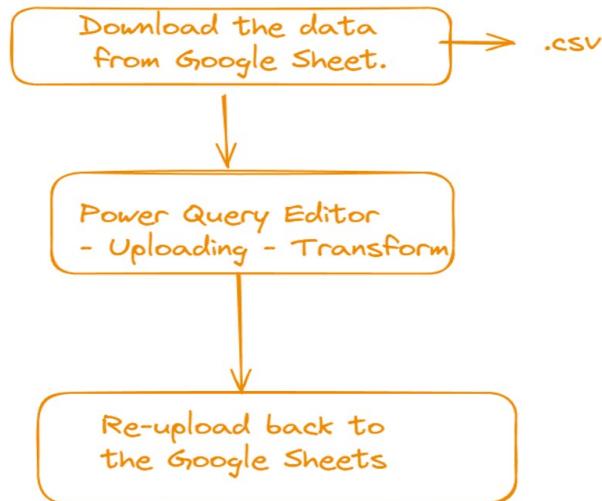
06 August 2024 21:22

Integrating Excel with Google Sheets

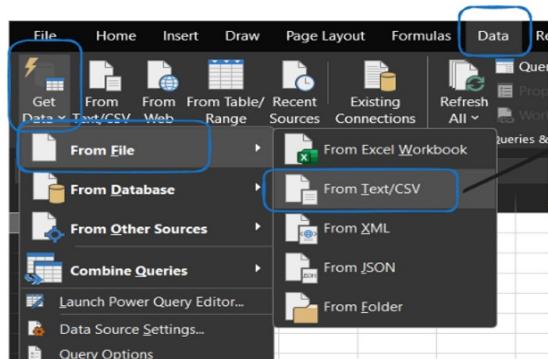
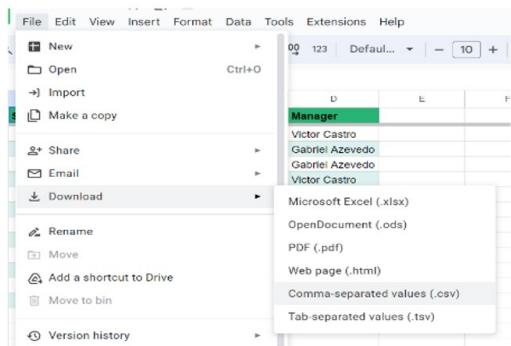


Download the data from Google Sheet.

→ .csv



Select the individual sheet, Go to File > Download > .CSV format



Browsing the file from your local system where the .csv file is available.

Data Extraction

Product data - Salesperson.csv

File Origin: 1252: Western European (Windows)

Delimiter: Comma

Data Type Detection: Based on first 200 rows

SalespersonKey	Salesperson	Supervisor	Manager
102	Gustavo Barros	Emily Rocha	Victor Castro
125	Gustavo Gomes	Diogo Carvalho	Gabriel Azevedo
144	Felipe Goncalves	Sofia Ribeiro	Gabriel Azevedo
183	Isabella Sousa	Emily Rocha	Victor Castro
194	Estevan Souza	Diogo Carvalho	Gabriel Azevedo
196	Leonardo Cardoso	Diego Araujo	Victor Castro
215	Carla Ferreira	Diego Araujo	Victor Castro
265	Julio Lima	Diogo Carvalho	Gabriel Azevedo
285	Mateus Costa	Sofia Ribeiro	Gabriel Azevedo
326	Julia Silva	Sofia Ribeiro	Gabriel Azevedo
660	Julieta Gomes	Emily Rocha	Victor Castro
669	Kaua Araujo	Fernando Silva	Victor Castro

Load Transform Data Cancel

Load Transform Data Cancel

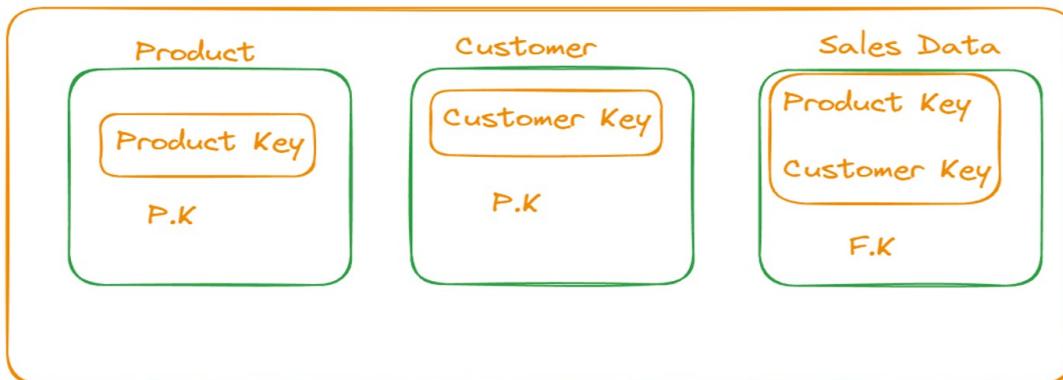
M-Code

Rename

Tracker

Query Pane -
consist of all the tables coming up for transformation.

Amazon - Database



1st row needed to promoted as a Header

Remove

The screenshot shows the Power BI Data View interface. A table is displayed with four columns: SalespersonKey, Salesperson, Supervisor, and Manager. The Manager column contains numerical values like 102, 125, etc. A tooltip or applied step message 'Data Type Changed' is visible, indicating that the data type for the Manager column has been modified from its original type (likely Text) to Whole Number.

This screenshot shows the Power BI Data View after the transformation. The Manager column now displays whole numbers (102, 125, etc.) instead of text. The ribbon at the top includes options like Close & Load, Refresh, Advanced Editor, and various transform tools such as Choose Columns, Remove Rows, Sort, and Transform.

An Excel spreadsheet titled 'Product Data' is shown. It contains four columns: SalespersonKey, Salesperson, Supervisor, and Manager. The data is identical to the one shown in the Power BI Data View, with the Manager column now containing whole numbers. The rows are numbered 1 through 12.

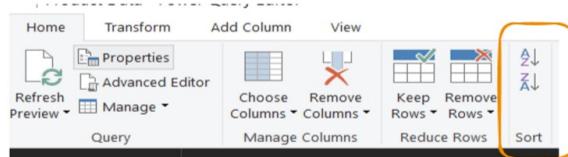
After all the transformation : It brings data back to the excel sheet. with creating a new sheet name Product Data.

SalesPerson Data

- Sorting() :

This screenshot shows the Power BI Data View with a table having columns UnitPrice and Photo. The data consists of numerous URLs. A sorting operation is being performed, indicated by the applied step 'Sorted Table based on Unit Pr...'. The table is currently sorted by UnitPrice.

0.21	https://powerbiexperience.com/arquivos/FotosProdutos/Cat...
0.25	https://powerbiexperience.com/arquivos/FotosProdutos/vin...
0.25	https://powerbiexperience.com/arquivos/FotosProdutos/ole...



Split the product column into two parts: Use the split column function to split the product column into two parts, extracting the product ID.

It adds new columns

It overwrites the data

Split Column by Delimiter

Specify the delimiter used to split the text column.

Select or enter delimiter: Space

Split at:

- Left-most delimiter
- Right-most delimiter
- Each occurrence of the delimiter

Advanced options:

Quote Character: "

Split using special characters:

Insert special character:

OK Cancel

Changed Type1,{{"ProductName","Product ID"})

Product ID	SalespersonKey	OrderNumber	ProductGroup	ProductCategory	Quantity
2304	196	1494608	Dry Wine	Drink	
2372	196	1494298	Energy Drink	Drink	
256	102	1492908	Yeast	Food	
1916	265	1495508	Energy Drink	Drink	
2364	102	1494214	Energy Drink	Drink	
1899	265	1494519	Yeasts	Food	
2095	285	1493235	Liquor	Drink	
2113	326	1495765	Liquor	Drink	
2199	265	1493614	Powdered Milk	Food	
2422	215	1495398	Oil	Food	
693	215	1495387	Sugar	Food	
307	660	1493029	Tea	Drink	
2520	196	1494655	Yeasts	Food	
2892	826	1495589	Liquor	Drink	
1976	268	1495796	Imported Wine	Drink	
2234	194	1493657	Oil	Food	
1892	102	1493358	Wheat Flour	Food	
2560	326	1493621	Vegetable	Food	
1783	182	1492924	Liquor	Drink	
654	669	1494271	Manioc Flour	Food	

Query Settings

- Properties: Name: Product Data, All Properties
- Applied Steps: Source, Promoted Headers, Changed Type, Sorted Table based on Unit Pr..., Split Column by Delimiter, Changed Type1, Renamed Column Product ID

Convert the product ID into numerical form.

Create a new column for total sales.

Custom Column

Add a column that is computed from the other columns.

Query Settings

Total Sales	0.18
IPB	0.08
PE	0.22
JPB	0.21

Properties: Name: Product Data, All Properties

Custom Column

Add a column that is computed from the other columns.

New column name: Total Sales
Custom column formula: = [Quantity] * [UnitPrice]

Available columns: Product ID, SalespersonKey, OrderNumber, ProductGroup, ProductCategory, Quantity, UnitPrice, Photo

Query Settings:

- Properties: Name: Product Data, All Properties
- Applied Steps: Source, Promoted Headers, Changed Type, Sorted Table based on Unit Pr..., Split Column by Delimiter, Changed Type1, Renamed Columns Product ID, Removed Columns, Added Custom Column name ..., Changed Type To Currency in ...

Learn about Power Query formulas

No syntax errors have been detected.

OK Cancel

In order to remove null values / from the existing dataset.

- Remove Empty + Remove Error would remove the null values from your dataset.

Filtered Rows

Removed Errors

Product ID context menu: Copy, Remove, Remove Other Columns, Duplicate Column, Add Column From Examples..., Remove Duplicates, Remove Errors (highlighted), Change Type, Transform, Replace Values..., Replace Errors...

Remove Empty Number Filters: Search, (Select All), (null), 108, 111, 114, 115

Merge both datasets into a single sheet based on a common key.

Merge

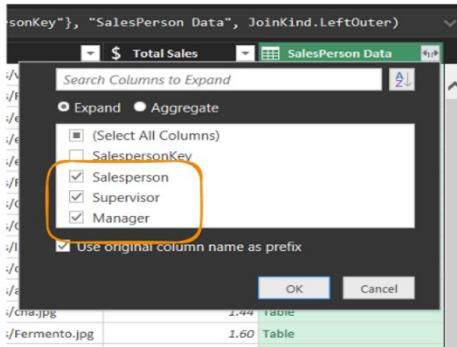
Select tables and matching columns to create a merged table.

Product Data (highlighted): OrderDate, Product ID, SalespersonKey, OrderNumber, ProductGroup, ProductCategory, Quantity, UnitPrice

SalesPerson Data (highlighted): SalespersonKey, Salesperson, Supervisor, Manager

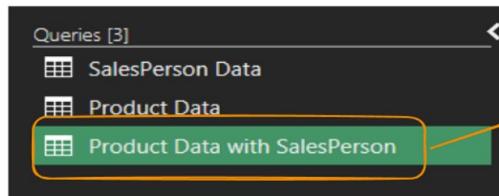
Join Kind: Left Outer (all from first, matching from second)

Merge Queries (highlighted in the ribbon)

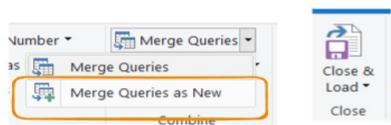


TableName . Column Name

	Total Sales	SalesPerson Data.Salesperson	SalesPerson Data.Supervisor	SalesPerson Data.Manager
vinhotinto.jpg	0.18	Leonardo Cardoso	Diego Araújo	Victor Castro
Fermento.jpg	0.12	Gustavo Barros	Emily Rocha	Victor Castro
energetico.jpg	0.08	Leonardo Cardoso	Diego Araújo	Victor Castro
energetico.jpg	0.21	Julio Lima	Diogo Carvalho	Gabriel Azevedo
Fermento.jpg	0.72	Julio Lima	Diogo Carvalho	Gabriel Azevedo
energetico.jpg	0.56	Gustavo Barros	Emily Rocha	Victor Castro
Cachaca.png	0.50	Julia Silva	Sofia Ribeiro	Gabriel Azevedo
Cachaca.png	0.20	Mateus Costa	Sofia Ribeiro	Gabriel Azevedo
leitetempo.jpg	0.66	Julio Lima	Diogo Carvalho	Gabriel Azevedo
'oleo.jpg	0.48	Carla Ferreira	Diego Araújo	Victor Castro
acucar.jpg	0.56	Carla Ferreira	Diego Araújo	Victor Castro
cha.jpg	1.44	Julieta Gomes	Emily Rocha	Victor Castro
Fermento.jpg	1.60	Leonardo Cardoso	Diego Araújo	Victor Castro
Cachaca.png	0.21	Julia Silva	Sofia Ribeiro	Gabriel Azevedo
oleo.jpg	0.25	Estevan Souza	Diogo Carvalho	Gabriel Azevedo
vinhoimport...	1.50	Julio Lima	Diogo Carvalho	Gabriel Azevedo
farinha.jpg	1.45	Gustavo Barros	Emily Rocha	Victor Castro
Hortifruti.jpg	0.00	Julia Silva	Sofia Ribeiro	Gabriel Azevedo
farofa.jpg	0.34	Kaua Araújo	Fernando Silva	Victor Castro
Cachaca.png	0.34	Isabella Sousa	Emily Rocha	Victor Castro
oleo.jpg	2.66	Julieta Gomes	Emily Rocha	Victor Castro
'acucar.jpg	2.28	Gustavo Gomes	Diogo Carvalho	Gabriel Azevedo
Cachaca.png	0.82	Kaua Araújo	Fernando Silva	Victor Castro
farinha.jpg	0.42	Isabella Sousa	Emily Rocha	Victor Castro
vinhotinto.jpg	3.78	Carla Ferreira	Diego Araújo	Victor Castro
Cachaca.png	3.78	Julio Lima	Diogo Carvalho	Gabriel Azevedo
Fermento.jpg	0.86	Julia Silva	Sofia Ribeiro	Gabriel Azevedo



Merged Table



Final Step is to import the downloaded merged table into Google Sheet.