

Data Cleaning with Power BI - p1

- Understanding Features of Power Query Editor.
- Get data from the Web
- Create Your Own Data

	Product ID	Product Name	Product Rank	+
1	1	Pen	2	
2	2	Pencil	3	
3	3	Pen Set	1	
4	4	Desk	5	
5	5	Binder	4	
	+			

Github Link:

<https://github.com/KrishnaMentor/CN01-PowerBI-Notes>

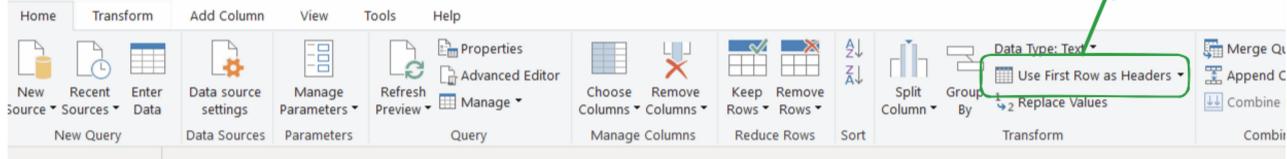
```
List.Dates(  
    Source,  
    Number.From(DateTime.LocalNow()) - Number.From(Source),  
    #duration(1, 0, 0, 0)  
)
```

- List.Dates(start, count, step)

- I'll make your sure, that I'll English.
- I'll GitHub link for you. After the session. I'll try to provide the content in the next 15 minutes.
- I'll try to end up the lecture by 11. After 11 we are only discussing doubt.
- Practical part, I'll try to provide you enough time to do it side by side.



Once you are done with cleaning, you have to load the data back to front end. And then only you can save the file.



Customer ID	Product ID
1.2	Decimal Number
\$	Fixed decimal number
123	Whole Number
%	Percentage
Date/Time	Date/Time
Date	Date
Time	Time
Date/Time/Timezone	Date/Time/Timezone
Duration	Duration
Text	Text
True/False	True/False
Binary	Binary
Using Locale...	Using Locale...
9	4
10	1
11	5
12	2

It will remove empty rows.

- Once you are done with cleaning, Click on Close & Apply in Home of P.Q.E to load data to Front End.

Manual Data -

2 Information is being stored in this column.
We have to split the data.

krishnaMadan -
krishna Madan
CODING ninjas
0313 Bricks

Krishnamadan77@gmail.com
ashsish123@gmail.com
naman1@gmail.com
ArjunKumar4@gmail.com
Krishnamadan99@hotmail.com

To fetch the username from the mail, we can consider "@" as a delimiter.

Split Column by Delimiter

Specify the delimiter used to split the text column.

Select or enter delimiter

Split at:

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

Advanced options

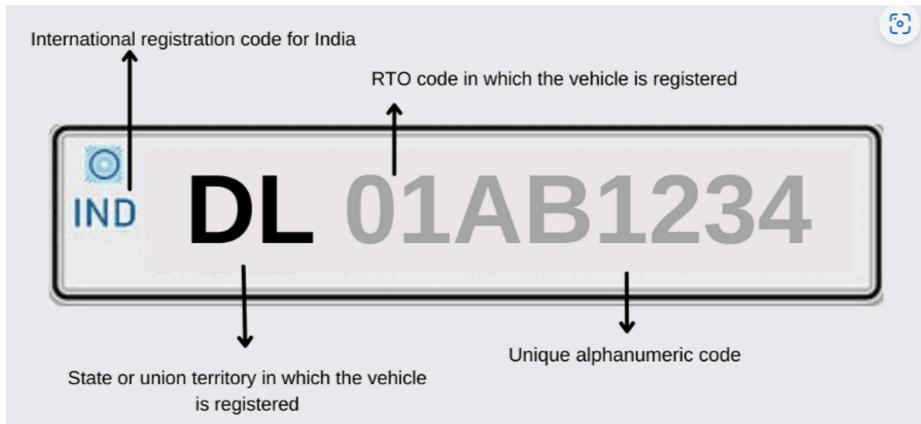
Quote Character

Split using special characters

Insert special character

OK Cancel

Double Click to Rename



Try to do this....

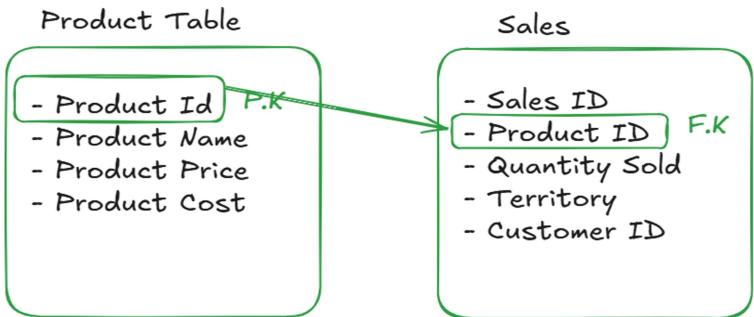
The screenshot shows the Power BI Data Editor interface with several tables and transformation steps:

- Customer Name:** A table with columns "Customer Name" and "Status". It shows 5 distinct, 5 unique values: krishnaMadan, vimleshSingh, abhishekBehal, vikashKumar, souvikSamanta.
- Transform ribbon:** Shows various options like Transpose, Reverse Rows, Count Rows, etc.
- Split Column dropdown:** Opened with options: By Delimiter, By Number of Characters, By Positions, By Lowercase to Uppercase, By Uppercase to Lowercase, By Digit to Non-Digit, and By Non-Digit to Digit.
- Source pane:** Shows the history of transformations: Split Column by Character Tra..., Renamed Columns, Capitalized Each Word, and Uppercased Text.
- Customer First Name and Customer Last Name:** Two separate tables showing 5 distinct, 5 unique values each: KRISHNA, MADAN, VIMLESH, SINGH, ABHISHEK, BEHAL, VIKASH, KUMAR, SOUVIK, SAMANTA.
- Product ID and Product Name:** Two tables showing 100% valid values: Product ID (KRISHNA, MADAN, VIMLESH, SINGH, ABHISHEK, BEHAL, VIKASH, KUMAR, SOUVIK, SAMANTA) and Product Name (krishnaMadan, vimleshSingh, abhishekBehal, vikashKumar, souvikSamanta).
- Transform ribbon (right):** Shows options like Merge Columns, Extract, Parse, Format, and a dropdown menu with "Format" selected.
- Column dropdown:** Shows options: lowercase, UPPERCASE, Capitalize Each Word, Trim, Clean, Add Prefix, and Add Suffix.

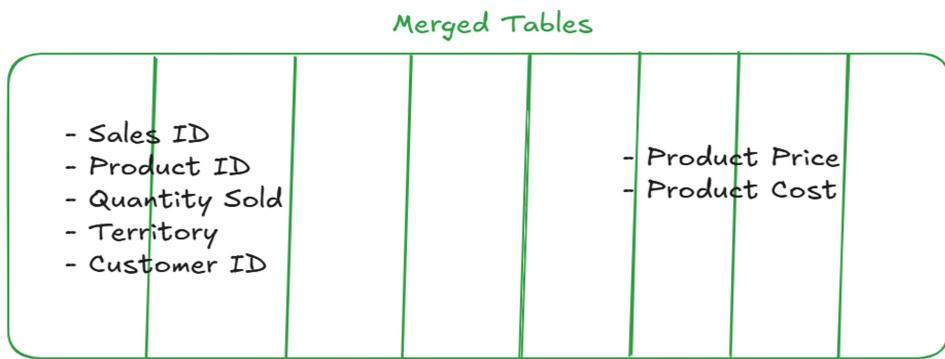


Merge Queries

Your final table will be merged in a horizontal Direction



Concept of Join is being used behind the scene to connect these 2 tables and get the final merged table.



Appended Queries → It connects multiple identical table vertically.

