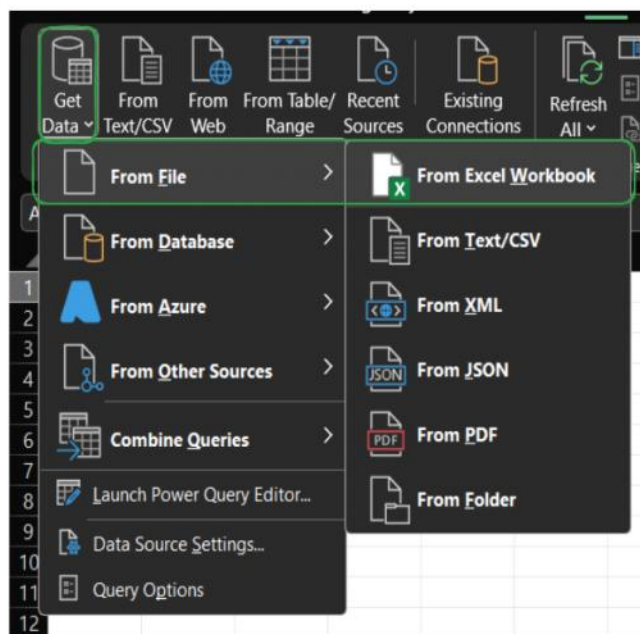
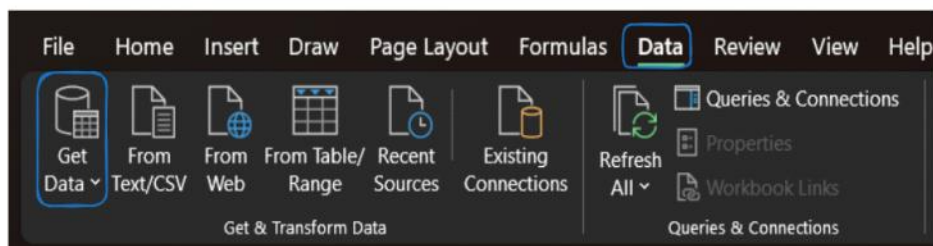


Introduction to Power Query

Learning Goals:

- ✓ Understand what Power Query is and why it's essential.
- ✓ Import data from multiple sources using Power Query.
- ✓ Navigate the Power Query interface confidently.
- ✓ Apply core transformations: filter, sort, clean, split, and group data.
- ✓ Understand different types of joins and how to use them in merges.
- ✓ Perform merge operations between datasets.
- ✓ Use append queries to combine tables.
- ✓ Add new custom or calculated columns.
- ✓ Use pivot and unpivot to reshape your data.



Navigator

☐ Select multiple items
 Display Options ▾
 Session 15 _ Datasets.xlsx [1]
 Actual expenses

Actual expenses

Preview downloaded on Thursday

DoJ	Employee name	Address	Division
22-07-2011	Naveen Menon	Gurgaon, haryana	Human Resources
28-08-2013	Preeti Khatri	Gurgaon, haryana	Research and Development
07-11-2022	Arjun Mehta	Gurgaon, haryana	Technology Solutions
07-05-2012	Aisha Kapoor	Gurgaon, haryana	Sales and Business Development
24-03-2014	Siddharth Sharma	Gurgaon, haryana	Operations and Logistics
21-03-2022	Neha Singh	Gurgaon, haryana	Human Resources
13-11-2009	Rajiv Verma	Gurgaon, haryana	Finance and Accounting
29-10-2011	Roshni Patel	Gurgaon, haryana	Operations and Logistics
21-11-2006	Vikrant Reddy	Gurgaon, haryana	Research and Development
25-03-2010	Anusha Kumar	Gurgaon, haryana	Finance and Accounting
28-08-2013	Rahul Kapoor	Gurgaon, haryana	Finance and Accounting
09-05-2019	Aishwarya Nair	Gurgaon, haryana	Human Resources
17-02-2004	Akshay Mishra	Gurgaon, haryana	Finance and Accounting
04-04-2015	Divya Khurana	Rohini, Delhi	Operations and Logistics
30-03-2008	Karthik Reddy	Rohini, Delhi	Technology Solutions
26-04-2006	Shruti Mehra	Rohini, Delhi	Technology Solutions
06-07-2022	Varun Khanna	Rohini, Delhi	Finance and Accounting
23-10-2005	Sneha Kapoor	Rohini, Delhi	Operations and Logistics
22-02-2013	Ravi Malhotra	Rohini, Delhi	Technology Solutions
04-04-2009	Tanvi Sharma	Rohini, Delhi	Operations and Logistics
19-07-2020	Pranav Iyer	Sonapat, Haryana	Customer Support
27-10-2017	Riya Choudhury	Sonapat, Haryana	Customer Support

Load Transform Data Cancel

Add data directly to Excel

Power Query Editor [Backend] -> Transformation

Actual expenses - Power Query Editor

File Home Transform Add Column View

Close & Load Refresh Preview Advanced Editor Manage Query

Choose Columns Remove Columns Keep Rows Remove Rows Split Column Group By Transform Data Type: Date Use First Row as Headers Replace Values Merge Queries Append Queries Combine Files Manage Parameters Data source settings New Source Recent Sources Enter Data

Queries [1] Actual expenses

Table.TransformColumnTypes("Promoted Headers",{"DoJ", type date}, {"Employee name", type text}, {"Address", type text}, {"Division", type text}, {"Div", type text}, {"Grade", type text})

Valid 100% Error 0% Empty 0%

Valid 99% Error 0% Empty < 1%

Valid 100% Error 0% Empty 0%

Valid 99% Error 0% Empty < 1%

Valid 99% Error 0% Empty < 1%

Valid 100% Error 0% Empty 0%

362 distinct, 347 unique 372 distinct, 367 unique 8 distinct, 0 unique 9 distinct, 1 unique 9 distinct, 1 unique 7 distinct, 0 unique

File Home Transform Add Column View

Close & Load Refresh Preview Advanced Editor Manage Query

Choose Columns Remove Columns Keep Rows Remove Rows Split Column Group By Transform Data Type: Date Use First Row as Headers Replace Values Merge Queries Append Queries Combine Files Manage Parameters Data source settings New Source Recent Sources Enter Data

Queries [1] Actual expenses

Table.TransformColumnTypes("Promoted Headers",{"DoJ", type date}, {"Employee name", type text}, {"Address", type text}, {"Division", type text}, {"Div", type text}, {"Grade", type text})

Query Settings

PROPERTIES Name Actual expenses All Properties

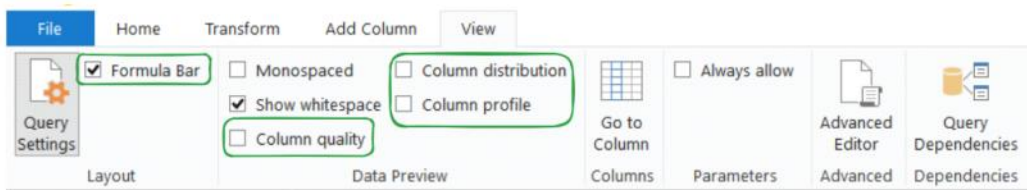
APPLIED STEPS Source Navigation Promoted Headers Changed Type

Table View

Tracker

M Language

How many table you have added?



Column Quality

DoJ	Employee name	Address	Division	Div
Valid 100%	Valid 99%	Valid 100%	Valid 99%	Valid 99%
Error 0%	Error 0%	Error 0%	Error 0%	Error 0%
Empty 0%	Empty < 1%	Empty 0%	Empty < 1%	Empty < 1%

×

Excel Workbook

Basic Advanced

File path

C:\Users\krish\Downloads\Session 15 _ Datasets.xlsx

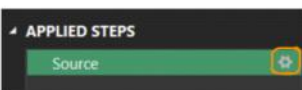
Browse...

Open file as

Excel Workbook

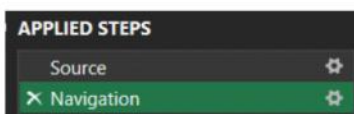
OK

Cancel



Name	Data	Item	Kind	Hidden
Valid 100%	Valid 100%	Valid 100%	Valid 100%	Valid 100%
Error 0%	Error 0%	Error 0%	Error 0%	Error 0%
Empty 0%	Empty 0%	Empty 0%	Empty 0%	Empty 0%
Actual expenses	Table	Actual expenses	Sheet	FALSE

I want to navigate to the table.



Column1	Column2	Column3	Column4	Column5	Column6	Column
Valid 100%	Valid 99%	Valid 100%	Valid 99%	Valid 99%	Valid 100%	Valid 100%
Error 0%	Error 0%	Error 0%	Error 0%	Error 0%	Error 0%	Error 0%
Empty 0%	Empty < 1%	Empty 0%	Empty < 1%	Empty < 1%	Empty 0%	Empty 0%
1 DoJ	Employee name	Address	Division	Div	Grade	Rating
2	22-07-2011 Naveen Menon	Gurgaon, haryana	Human Resources	HR		3
3	28-08-2013 Preeti Khatri	Gurgaon, haryana	Research and Development	R&D		2
4	07-11-2022 Arjun Mehta	Gurgaon, haryana	Technology Solutions	TechSol		1
5	07-05-2017 Aisha Kannor	Gurgaon, haryana	Sales and Business Development	SalesRD		3

row 1 is actually having column headers -> which needs to be promoted....

Home

Transform

Add Column

View

Refresh Preview

Properties

Advanced Editor

Manage

Query

Choose Columns

Remove Columns

Keep Rows

Remove Rows

Manage Columns

Reduce Rows

Sort

Split Column

Group By

Data Type: Any

Use First Row as Headers

Use First Row as Headers

Use Headers as First Row

Source

Navigation

Promoted Headers

DoJ

Employee name

Address

Division

Div

Grade

Rating

DoJ

1.2 Decimal Number

\$ Currency

123 Whole Number

% Percentage

Date/Time

Date

Time

Date/Time/Timezone

Duration

ABC Text

True/False

Binary

Using Locale...

APPLIED STEPS

Source

Navigation

Promoted Headers

Changed Type

After promoting the headers, next step is to change the desired data type of each column.

Sports

Cricket

Football

BasketBall

Cricket

Football

BasketBall

Badminton

BasketBall

Cricket

Golf

Football

Golf

Cricket

Golf

Cricket

Golf

Distinct

Cricket

Football

BasketBall

Golf

Badminton

Unique

Badminton

column

View

Column distribution



Advanced Editor

Actual expenses

Display Options

```

let
    Source = Excel.Workbook(File.Contents("C:\Users\krish\Downloads\Session 15 - Datasets.xlsx"), null, true),
    #"Actual expenses_Sheet" = Source[Item="Actual expenses",Kind="Sheet"][[Data]],
    #"Promoted Headers" = Table.PromoteHeaders(#"Actual expenses_Sheet", [PromoteAllScalars=true]),
    #"Changed Type" = Table.TransformColumnTypes(#"Promoted Headers",{{"DoJ", type date}, {"Employee name", type text}, {"Address", type text}
in
    #"Changed Type"

```

APPLIED STEPS

- Source
- Navigation
- Promoted Headers
- Changed Type**

Choose Columns

Remove Columns

Key Row

Choose Columns

Go to Column

Choose Columns

Choose the columns to keep

(Select All Columns)

- ☒ DoJ
- ☐ Employee name
- ☒ Address
- ☐ Division
- ☐ Div
- ☒ Grade
- ☒ Rating
- ☐ Age
- ☐ Actual Expenses

OK

Cancel

Go to Column

Search Columns

DoJ
Employee name
Address
Division
Div
Grade
Rating
Age
Actual Expenses

Remove Columns

Keep Rows

Remove Rows

Remove Columns

Remove Other Columns

Keep Rows

Remove Rows

Split Column

Keep Top Rows

Keep Bottom Rows

Keep Range of Rows

Keep Duplicates

Keep Errors

Keep Top Rows

Specify how many rows to keep.

Number of rows

100

Keep Bottom Rows

Specify how many rows to keep.

Number of rows

200

Keep Range of Rows

Specify the range of rows to keep.

First row

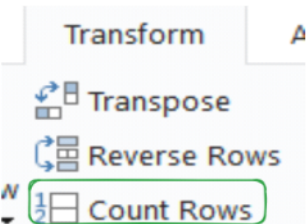
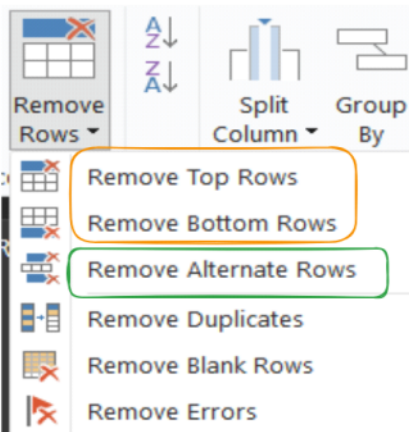
10

Number of rows

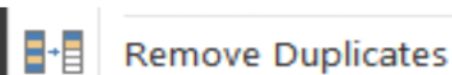
100

OK

Cancel

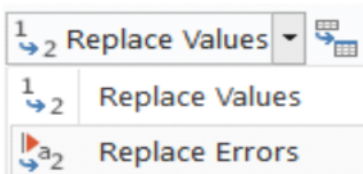


Before removing duplicates.



-After removing duplicates.

So, we have 5 duplicates entries.



Replace Values

Replace one value with another in the selected columns.

Value To Find

Replace With

Advanced options

OK Cancel

Replace Values

Replace one value with another in the selected columns.

Value To Find

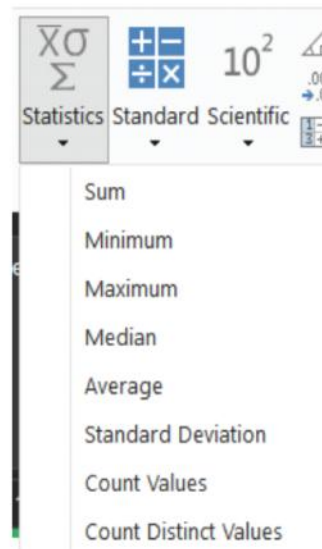
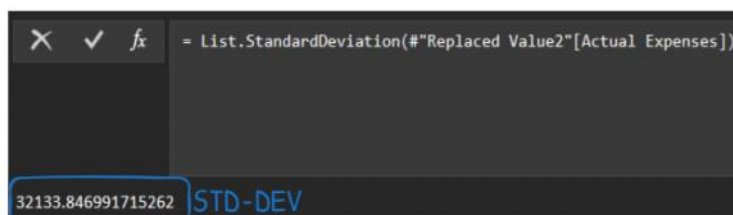
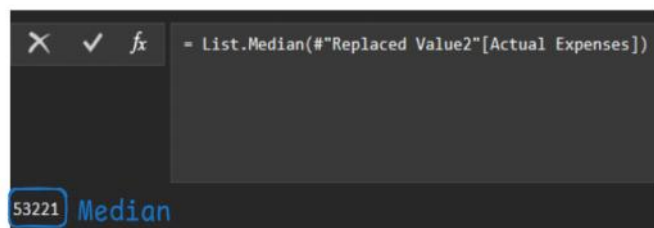
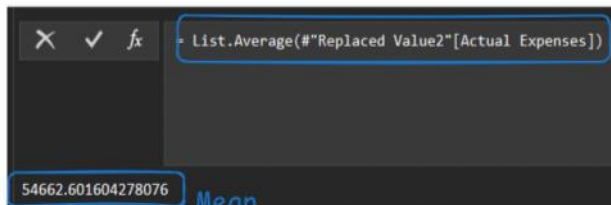
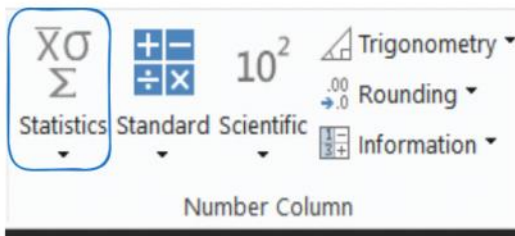
Replace With

Replace Values

Replace one value with another in the selected columns.

Value To Find

Replace With



Replace Values

Replace one value with another in the selected columns.

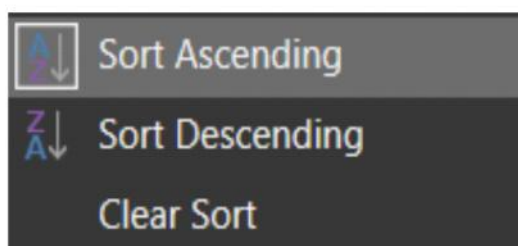
Value To Find

Replace With



Sort

Sorting is similar to excel, you do ascending and descending which sort the other columns as well -- Row Context.





→ It is splitting the columns based on delimiter[Separator]

- ☒ (Select All)
- ☒ Gurgaon, Haryana
- ☒ Gurgaon, haryana
- ☒ Jaipur, Rajasthan
- ☒ Kurukshetra, Haryana
- ☒ Panipat, Haryana
- ☒ Rohini, Delhi
- ☒ Sonipat, Haryana
- ☒ Udaipur, Rajasthan

It's a good practice to separate column, as one column is storing 2 information, which is city , State.
And here the delimiter is ','

By Delimiter

By Number of Characters

By Positions

By Lowercase to Uppercase

By Uppercase to Lowercase

By Digit to Non-Digit

By Non-Digit to Digit

Split Column by Delimiter

Specify the delimiter used to split the text column.

Select or enter delimiter

Comma

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

Select or enter delimiter

Comma

Colon

Comma

Equals Sign

Semicolon

Space

Tab

--Custom--

City	State
Gurgaon	haryana
Gurgaon	haryana
Gurgaon	haryana
Gurgaon	haryana
Gurgaon	haryana
Gurgaon	haryana
Gurgaon	haryana
Gurgaon	haryana
Gurgaon	haryana
Gurgaon	haryana
Gurgaon	haryana
Rohini	Delhi
Rohini	Delhi

- ☒ (Select All)
- ☒ Gurgaon
- ☒ Jaipur
- ☒ Kurukshetra
- ☒ Panipat
- ☒ Rohini
- ☒ Sonipat
- ☒ Udaipur

- ☒ (Select All)
- ☒ Delhi
- ☒ Haryana
- ☒ haryana
- ☒ Rajasthan

Replace Values

Replace one value with another in the selected columns.

Value To Find

haryana

Replace With

Haryana

Advanced options

- ☒ Delhi
- ☒ Haryana
- ☒ Rajasthan

OK

Cancel



- Summary Table -> To find the insights where one column is being grouped to show the distinct categorical column and finding the aggregation [Max, Min, Count, Sum, Avg] to be applied on Numerical Columns.

X

Group By

Specify the column to group by and the desired output.

☒ Basic ☐ Advanced

State

New column name

Total Expenses

Operation

- Count Rows
- Sum
- Average
- Median
- Min
- Max
- Count Rows
- Count Distinct Rows
- All Rows

Column

OK

Cancel

tel	Gurgaon	Count Rows	Operations and Logistics	OpsLog
addy	Gurgaon	Count Distinct Rows	Research and Development	R&D
umar	Gurgaon	All Rows	Finance and Accounting	FinAcc

Group By

Specify the column to group by and the desired output.

☒ Basic ☐ Advanced

State

New column name

Total Expenses

Operation

Sum

Column

Actual Expenses

OK

Cancel

State	1.2 Total Expenses
Valid 100%	Valid 100%
Error 0%	Error 0%
Empty 0%	Empty 0%
3 distinct, 3 unique	3 distinct, 3 unique
Haryana	11238619
Delhi	471282
Rajasthan	8762034

Group By

Specify the columns to group by and one or more outputs.

☐ Basic ☒ Advanced

State

Division

Add grouping

New column name

Operation

Column

Total Expenses

Sum

Actual Expenses

Add aggregation

OK

Cancel

A ^B C State	A ^B C Division	1.2 Total Expenses
<div> <div>Valid 100%</div> <div>Error 0%</div> <div>Empty 0%</div> </div> <div> <div>3 distinct, 0 unique</div> </div>	<div> <div>Valid 100%</div> <div>Error 0%</div> <div>Empty 0%</div> </div> <div> <div>8 distinct, 0 unique</div> </div>	<div> <div>Valid 100%</div> <div>Error 0%</div> <div>Empty 0%</div> </div> <div> <div>20 distinct, 20 unique</div> </div>
Haryana	Human Resources	1410582
Haryana	Research and Development	1514226
Haryana	Technology Solutions	1617251
Haryana	Sales and Business Development	1669025
Haryana	Operations and Logistics	1101627
Haryana	Finance and Accounting	1617377
Delhi	Operations and Logistics	247218
Delhi	Technology Solutions	151951
Delhi	Human Resources	38283
Delhi	Finance and Accounting	33830
Haryana	Customer Support	1202893
Haryana	Marketing and Communications	1105638
Rajasthan	Operations and Logistics	1308929
Rajasthan	Customer Support	975004
Rajasthan	Marketing and Communications	756049
Rajasthan	Research and Development	1191802
Rajasthan	Sales and Business Development	1557556
Rajasthan	Human Resources	1104953

File Home Trans

Close & Load

Refresh Preview

Close & Load

Close & Load To...

DoJ	Employee name	City	State	Division	Div	Grade	Rating	Age	Actual Expenses
22-07-2011	Naveen Menon	Gurgaon	Haryana	Human Resources	HR	3	2	50	44962
28-08-2013	Preeti Khatri	Gurgaon	Haryana	Research and Development	R&D	2	2	26	104134
07-11-2022	Arjun Mehta	Gurgaon	Haryana	Technology Solutions	TechSol	1	5	29	102256
07-05-2012	Aisha Kapoor	Gurgaon	Haryana	Sales and Business Development	SalesBD	3	1	49	67831
24-03-2014	Siddharth Sharma	Gurgaon	Haryana	Operations and Logistics	OpsLog	5	1	23	42454
21-03-2022	Neha Singh	Gurgaon	Haryana	Human Resources	HR	4	5	40	91720
13-11-2009	Rajiv Verma	Gurgaon	Haryana	Finance and Accounting	FinAcc	3	2	43	46202
29-10-2011	Roshni Patel	Gurgaon	Haryana	Operations and Logistics	OpsLog	6	3	46	53221
21-11-2006	Vikrant Reddy	Gurgaon	Haryana	Research and Development	R&D	3	4	35	63414
25-03-2010	Anusha Kumar	Gurgaon	Haryana	Finance and Accounting	FinAcc	4	5	22	18308
28-08-2013	Rahul Kapoor	Gurgaon	Haryana	Finance and Accounting	FinAcc	7	1	49	29432
09-05-2019	Aishwarya Nair	Gurgaon	Haryana	Human Resources	HR	3	4	46	23024
17-02-2004	Akshay Mishra	Gurgaon	Haryana	Finance and Accounting	FinAcc	2	1	22	91554
04-04-2015	Divya Khurana	Rohini	Delhi	Operations and Logistics	OpsLog	6	5	38	92752
30-03-2008	Karthik Reddy	Rohini	Delhi	Technology Solutions	TechSol	2	2	30	103959
26-04-2006	Shruti Mehra	Rohini	Delhi	Human Resources	HR	2	1	22	38283
06-07-2022	Varun Khanna	Rohini	Delhi	Finance and Accounting	FinAcc	6	5	51	33830
23-10-2005	Sneha Kapoor	Rohini	Delhi	Operations and Logistics	OpsLog	1	2	21	46808
22-02-2013	Ravi Malhotra	Rohini	Delhi	Technology Solutions	TechSol	7	3	48	47992
04-04-2009	Tanvi Sharma	Rohini	Delhi	Operations and Logistics	OpsLog	6	5	41	107658
19-07-2020	Pranav Iyer	Sonipat	Haryana	Customer Support	CustSup	4	1	41	29279
27-10-2017	Riya Choudhury	Sonipat	Haryana	Customer Support	CustSup	4	1	24	57703
16-08-2020	Vimal Tiwari	Sonipat	Haryana	Operations and Logistics	OpsLog	4	4	29	33285
08-11-2007	Anjali Yadav	Sonipat	Haryana	Human Resources	HR	3	3	44	53221
01-03-2006	Arun Kumar	Sonipat	Haryana	Technology Solutions	TechSol	7	3	56	75599
17-01-2021	Nidhi Sharma	Sonipat	Haryana	Technology Solutions	TechSol	2	5	44	103645
01-03-2017	Prateek Singh	Sonipat	Haryana	Human Resources	HR	6	2	45	10856

Queries & Connections

Queries | Connections

1 query

Actual expenses
372 rows loaded.

Actual expenses

DoJ	Employee name	City	State	Division	Div
22-07-2011	Naveen Menon	Gurgaon	Haryana	Human Resources	HR
28-08-2013	Preeti Khatri	Gurgaon	Haryana	Research and Development	R&D
07-11-2022	Arjun Mehta	Gurgaon	Haryana	Technology Solutions	TechS
07-05-2012	Aisha Kapoor	Gurgaon	Haryana	Sales and Business Development	Sales
24-03-2014	Siddharth Sharma	Gurgaon	Haryana	Operations and Logistics	OpsL
21-03-2022	Neha Singh	Gurgaon	Haryana	Human Resources	HR
13-11-2009	Rajiv Verma	Gurgaon	Haryana	Finance and Accounting	FinAc
29-10-2011	Roshni Patel	Gurgaon	Haryana	Operations and Logistics	OpsL
21-11-2006	Vikrant Reddy	Gurgaon	Haryana	Research and Development	R&D

Columns [10]
DoJ, Employee name, City, State, Division, Div, Grade, Rating, Age, Actual Expenses

Last refreshed
13:51

Load status
Loaded to worksheet

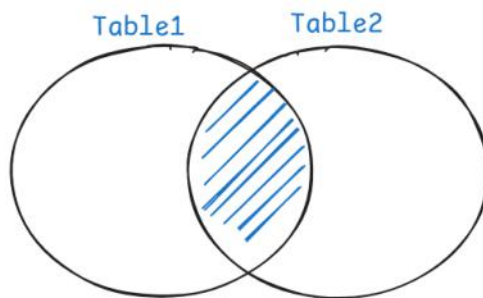
Data Sources
Loading

Power Query Editor

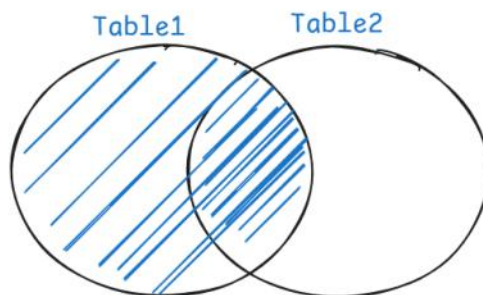
VIEW IN WORKSHEET **EDIT** ... DELETE

Joins
[Venn Diagram]

Inner JOIN

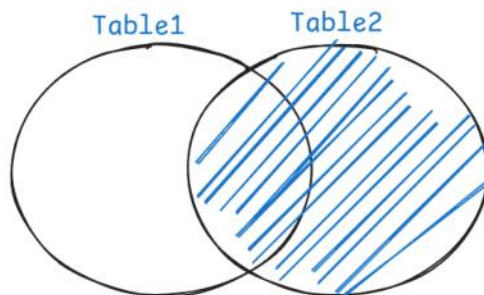


Left JOIN



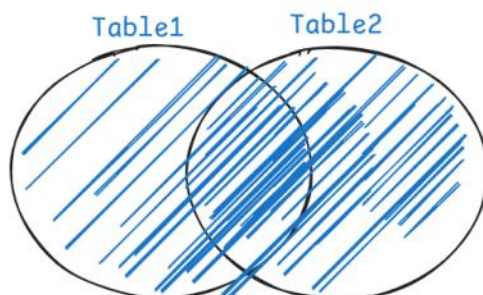
$A - B$

Right JOIN



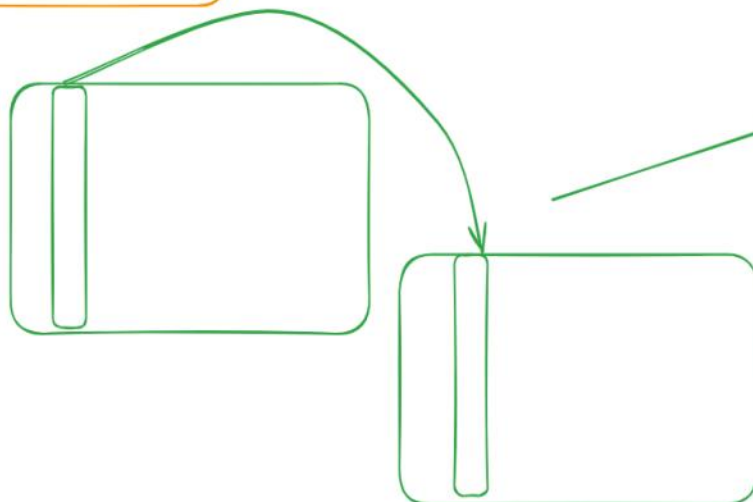
$B - A$

FULL JOIN



$A \cup B$

Merge Queries



Merge queries is trying to merge table based on common key and expanding the table in horizontal dir.

Navigator

☐ Select multiple items

Display Options

Session 16 _ Datasets.xlsx [12]

- Actual expense
- Actual Expense-2004
- Actual Expense-2005
- Actual Expense-2006
- Actual Expense-2007
- Actual expense-2008
- Additional Dataset - full_burea
- Additional Dataset - full_custo
- Additional Dataset - full_loan_
- Expense allowance
- Joins-1
- Joins-2

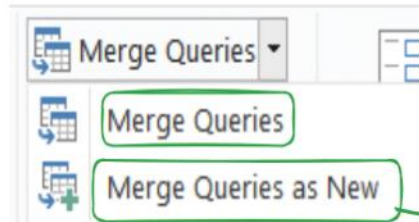
No item selected for preview

☒ ☐ Joins-1

☒ ☐ Joins-2

Roll no.	Name	City	Phone	Age
<div> <div>Valid 100%</div> <div>Error 0%</div> <div>Empty 0%</div> </div> <div> <div>8 distinct, 8 unique</div> </div>	<div> <div>Valid 100%</div> <div>Error 0%</div> <div>Empty 0%</div> </div> <div> <div>8 distinct, 8 unique</div> </div>	<div> <div>Valid 100%</div> <div>Error 0%</div> <div>Empty 0%</div> </div> <div> <div>7 distinct, 6 unique</div> </div>	<div> <div>Valid 100%</div> <div>Error 0%</div> <div>Empty 0%</div> </div> <div> <div>8 distinct, 8 unique</div> </div>	<div> <div>Valid 100%</div> <div>Error 0%</div> <div>Empty 0%</div> </div> <div> <div>6 distinct, 4 unique</div> </div>
1	Sunny	Delhi	8293201234	18
2	Harsh	Surat	7890823432	20
3	Ronny	Mumbai	2225511718	19
4	Pratik	Bihar	2228683801	21
5	Niraj	Assam	8022873485	18
6	Mihir	Ahmedabad	2228835517	20
7	Dhruv	Surat	2224148036	22
8	Kavin	Kolkata	7922842585	17

Course ID	Roll No.
Valid	100%
Error	0%
Empty	0%
5 distinct, 2 unique	8 distinct, 8 unique
1	1
2	2
2	3
3	4
1	5
4	6
5	7
4	8



1. Merge Queries As New -> Will create a new table.

Merge

Select tables and matching columns to create a merged table.

Joins-1

Roll no.	Name	City	Phone	Age
1	Sunny	Delhi	8293201234	18
2	Harsh	Surat	7890823432	20
3	Ronny	Mumbai	2225511718	19
4	Pratik	Bihar	2228683801	21
5	Niraj	Assam	8022873485	18

Joins-2

Couse ID	Roll No.
1	1
2	2
2	3
3	4
1	5

Join Kind

Left Outer (all from first, matching from second)

☐ Use fuzzy matching to perform the merge

Fuzzy matching options

✓ The selection matches 8 of 8 rows from the first table.

OK Cancel

Join Kind

Left Outer (all from first, matching from second)

Left Outer (all from first, matching from second)

Right Outer (all from second, matching from first)

Full Outer (all rows from both)

Inner (only matching rows)

Left Anti (rows only in first)

Right Anti (rows only in second)

Queries [4]

Actual expenses

Joins-1

Joins-2

Merge1

Roll no.

100% Valid0% Error0% Empty

8 distinct, 8 unique

A^BC Name

100% Valid0% Error0% Empty

8 distinct, 8 unique

A^BC City

100% Valid0% Error0% Empty

7 distinct, 6 unique

T²3 Phone

100% Valid0% Error0% Empty

8 distinct, 8 unique

T²3 Age

100% Valid0% Error0% Empty

6 distinct, 4 unique

Joins-2

100% Valid0% Error0% Empty

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

Sunny

Harsh

Ronny

Pratik

Niraj

Mihir

Dhruv

Kavin

Delhi

Surat

Mumbai

Bihar

Assam

Ahmedabad

Surat

Kolkata

8293201234

7890823432

2225511718

2228683801

8022873485

2228835517

2224148036

7922842585

18

20

19

21

18

20

22

17

Table

Table

Table

Table

Table

Table

Table

Table

Search Columns to Expand

☒ Expand ☐ Aggregate

☒ (Select All Columns)

☒ Course ID

☒ Roll No.

☒ Use original column name as prefix

☐ Expand ☒ Aggregate

☐ (Select All Columns)

☐ Σ Sum of Course ID

☐ Σ Sum of Roll No.

Expand , Aggregate.

123 Age **Joins-2**

Search Columns to Expand

☐ Expand ☒ Aggregate

☐ (Select All Columns)

☒ Course ID

☐ Roll No.

☒ Use original column name as prefix



¹ ₃ Roll no.	¹ ₃ Name	¹ ₃ City	¹ ₃ Phone	¹ ₃ Age	¹ ₃ Joins-2.Course ID
<div><div>● Valid</div><div>● Error</div><div>● Empty</div></div>	<div><div>100%</div><div>0%</div><div>0%</div></div>	<div><div>● Valid</div><div>● Error</div><div>● Empty</div></div>	<div><div>100%</div><div>0%</div><div>0%</div></div>	<div><div>● Valid</div><div>● Error</div><div>● Empty</div></div>	<div><div>100%</div><div>0%</div><div>0%</div></div>
<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
8 distinct, 8 unique	8 distinct, 8 unique	7 distinct, 6 unique	8 distinct, 8 unique	6 distinct, 4 unique	5 distinct, 2 unique
	1 Sunny	Delhi	8293201234	18	1
	2 Harsh	Surat	7890823432	20	2
	3 Ronny	Mumbai	2225511718	19	2
	4 Pratik	Bihar	2228683801	21	3
	5 Niraj	Assam	8022873485	18	1
	6 Mihir	Ahmedabad	2228835517	20	4
	7 Dhruv	Surat	2224148036	22	5
	8 Kavin	Kolkata	7922842585	17	4

Queries [4]

- Actual expenses
- Joins-1
- Joins-2
- Student_info[MergeQ...

Table.ExpandTableColumn(Source, "Joins-2", {"Course ID"}, {"Joins-2.Course ID"})

Roll no.	Name	City	Phone	Age	Joins-2.Course ID
1	Sunny	Delhi	8293201234	18	1
2	Harsh	Surat	7890823432	20	2
3	Ronny	Mumbai	2225511718	19	2
4	Pratik	Bihar	2228683801	21	3
5	Niraj	Assam	8022873485	18	1
6	Mihir	Ahmedabad	2228835517	20	4
7	Dhruv	Surat	2224148036	22	5
8	Kavin	Kolkata	7922842585	17	4

Query Settings

PROPERTIES

Name

Student_info[MergeQueries]

APPLIED STEPS

Source

Expanded Joins-2

File

Home

Trans

Close & Load

Refresh Preview

Close & Load

Close & Load To...

	A	B	C	D	E	F	G
1	Roll no.	Name	City	Phone	Age	Joins-2.Course ID	
2	1	Sunny	Delhi	8293201234	18	1	
3	2	Harsh	Surat	7890823432	20	2	
4	3	Ronny	Mumbai	2225511718	19	2	
5	4	Pratik	Bihar	2228683801	21	3	
6	5	Niraj	Assam	8022873485	18	1	
7	6	Mihir	Ahmedabad	2228835517	20	4	
8	7	Dhruv	Surat	2224148036	22	5	
9	8	Kavin	Kolkata	7922842585	17	4	
10							
11							
12							
13							
14							
15							
16							
17							
18							
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20							
21							
22							
23							
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25							
26							
27							
28							

<

>

...

Joins-1

Joins-2

Student_info_MergeQueries

+