

Power BI - How to Add Conditional Columns?

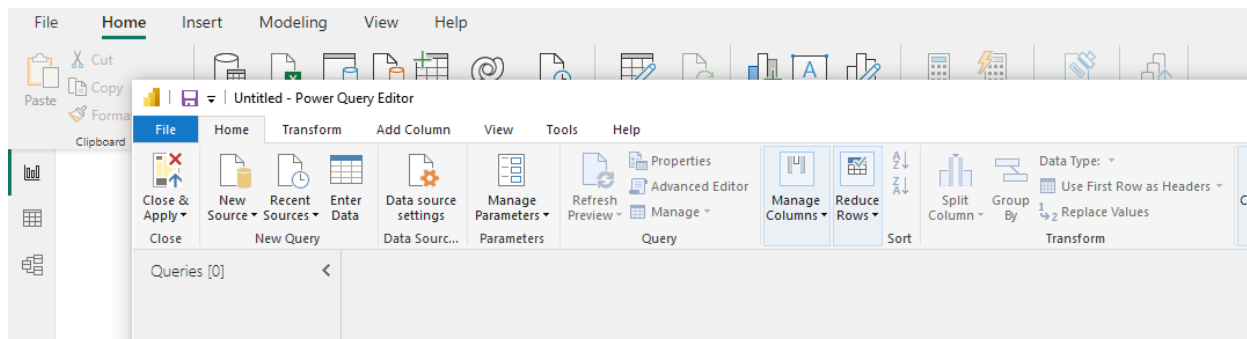
Creating insightful reports often requires data to be organized and categorized based on specific conditions. Conditional columns helps change or add values in a column based on logic you define. In this article, we'll learn how to create conditional columns using Power Query Editor.

Step 1: Open Power Query Editor

To create conditional column, you first need to open the [Power Query Editor](#). Steps include:

- Open **Power BI Desktop**.
- Go to the **Home** tab.
- Click on **Transform Data**.
- A new window called **Power Query Editor** will open.

If you haven't uploaded your data yet you can do it here by clicking on New Source and selecting your dataset.



Power Query Editor

Below is the screenshot of the dataset as well. In this example we are using a dataset which you can download from [here](#), from a Library Supplies company which looks like this:

Conditional Column Settings

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Vision

Azure Machine Learning

AI Insights

Queries [1]

SLS Order Details_Master

Table.AddColumn

Changed Type

Display Price

each if

Unit Price (INR/Unit)

<= 100 then 150 else

	ate (dd-mm-yyyy)	A ^B _C Date of material receipt (dd-mm-yyyy)	A ^B _C Authorised signatory from Standard Library Service	ABC123 Display Price
1				192
2				300
3				150
4				250
5				150
6		-	-	400
7				150
8				7500
9				450
10				260
11		-	-	Error
12				250
13				250
14		-	-	150
15				3350
16				5150
17				2025
18				305
19				150
20				150
21				150
22				150
23				160

Query Output

Adding a Column Using Multiple Conditions

Now let's add another conditional column named "Final Price" that will contain the "Unit Price (INR/Unit)" column value if it is less than or equal to 200 set it to 500. Else if it is greater than or equal to 500 Store the Unit Price. However the figure from the "Total Price (INR)" column will be the Output if none of the earlier tests returned a positive result.

Add Conditional Column

Add a conditional column that is computed from the other columns or values.

New column name

	Column Name	Operator	Value	Output
If	Unit Price (INR/U...	is less than or equ...	200	500
Else If	Unit Price (INR/U...	is greater than or...	500	Unit Price (INR/Unit)

Else

Column with Multiple Conditions

The output of the query will add the conditional column.

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Queries [1]

fx

= Table.AddColumn("#Added Conditional Column", "Final Price", each if [#Unit Price (INR/Unit)] <= 200 then 500

SLS Order Detials_Master

ite of material receipt (dd-mm-yyyy)

Autorised signatory from Standard Library Service

Display Price

Final Price

1			192	500
2			300	2500
3			150	500
4			250	500
5			150	500
6		-	400	3200
7			150	500
8			7500	7500
9			450	900
10			260	13000
11		-	Error	Error
12			250	15000
13			250	1500
14		-	150	500
15			3350	3350
16			5150	5150
17			2025	2025
18			305	2135
19			150	500
20			150	500
21			150	500
22			150	500
23			160	500
24				

26 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows

Query Output

Creating conditional columns in Power BI is very easy once you understand the steps. It helps you control how your data looks without writing complex formulas. This makes your reports more dynamic and meaningful.