

How to Replace Blank Spaces with Text in Power BI

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Power BI has a feature called "Replace Values" which allows users to replace blank spaces with desired text. This can be done by selecting the desired column, clicking on "Replace Values" from the Transform tab, and entering the text to replace the blank spaces with. This feature is useful for data cleaning and organizing as it allows users to easily replace blanks with meaningful text, making the data more presentable and understandable for analysis and visualization purposes. This eliminates the need for manual editing and ensures consistency throughout the data.

You can use the following syntax in DAX to replace blank values with specific text in a particular column of a table in Power BI:

```
Team_New = IF(ISBLANK('my_data'), "None Found", 'my_data')
```

This particular example replaces each blank value in the **Team** column of the table named **my_data** with a text string of "None Found."

The following example shows how to use this syntax in practice.

Example: How to Replace Blanks with Text in Power BI

Suppose we have the following table in Power BI named **my_data** that contains information about basketball players on various teams:

The screenshot shows the Power BI interface with the 'Table tools' ribbon selected. The ribbon has four main sections: Structure, Calendars, Relationships, and Calculations. The 'Calculations' section is highlighted and contains four icons: 'New measure', 'Quick measure', 'New column', and 'New table'. Below the ribbon, a table is visible with the following data:

Team	Points	Assists
Mavs	22	8
	14	10
	31	4
Kings	15	4
Warriors	20	3
Nets	22	8
Lakers	18	6
Thunder	14	5
	29	2
Jazz	8	7

Notice that there are several rows in the **Team** column that contain blanks.

Suppose we would like to replace each of these blanks with the text string "None Found."

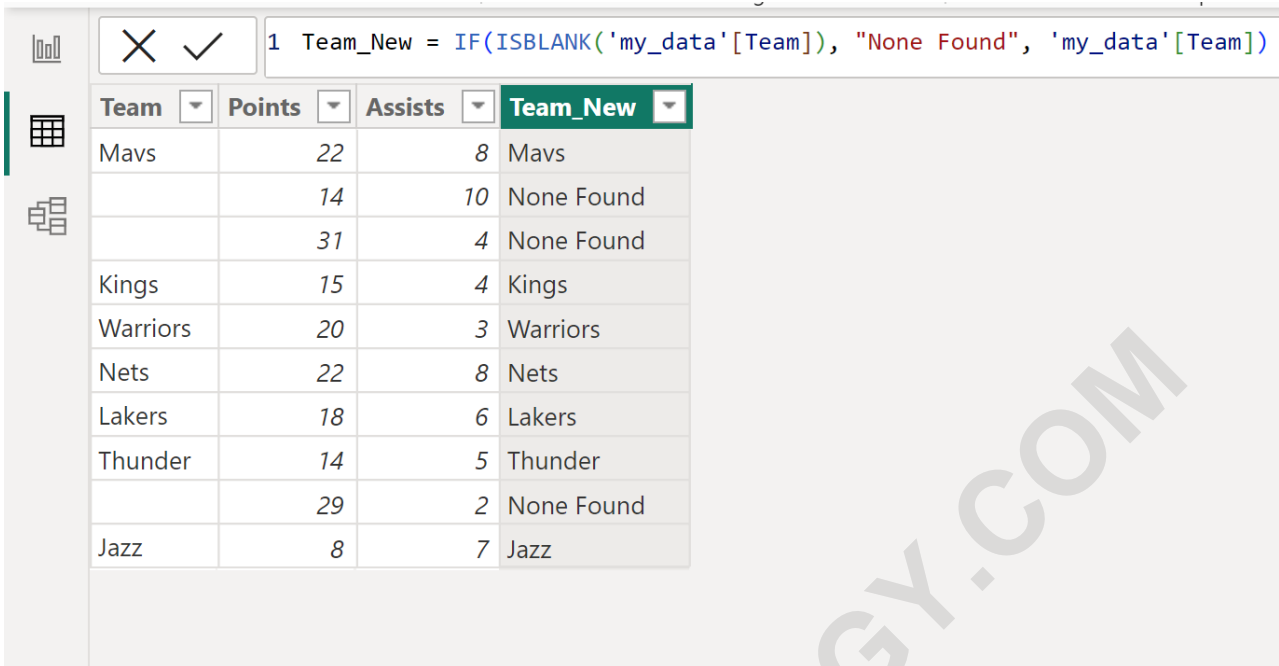
To do so, click the **New column** icon:

This close-up screenshot shows the 'Calculations' section of the Power BI ribbon. The 'New column' icon, represented by a grid with a blue header row, is highlighted with a red rectangle. Other icons in the section include 'New measure', 'Quick measure', and 'New table'.

Then type in the following formula into the formula bar:

Team_New = IF(ISBLANK('my_data'), "None Found", 'my_data')

This will create a new column named **Team_New** that replaces each blank value from the original **Team** column with a text string of "None Found":



1 Team_New = IF(ISBLANK('my_data'[Team]), "None Found", 'my_data'[Team])

Team	Points	Assists	Team_New
Mavs	22	8	Mavs
	14	10	None Found
	31	4	None Found
Kings	15	4	Kings
Warriors	20	3	Warriors
Nets	22	8	Nets
Lakers	18	6	Lakers
Thunder	14	5	Thunder
	29	2	None Found
Jazz	8	7	Jazz

How This Formula Works

Recall the formula that we used to replace each blank value in the **Team** column with "None Found":

Team_New = IF(ISBLANK('my_data'), "None Found", 'my_data')

This formula uses an **IF** function combined with the **ISBLANK** function to check if each value in the **Team** column is blank.

If the value is blank, then the **ISBLANK** function returns **TRUE** and a value of "**None Found**" is returned.

If the value is not blank then the **ISBLANK** function returns **FALSE** and the original value from the **Team** column is returned instead.

Note: You can find the complete documentation for the **ISBLANK** function in DAX .

The following tutorials explain how to perform other common tasks in Power BI: