

Learning to Remove Characters from Strings in Power BI Using DAX

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You can use the following syntax in DAX to remove specific characters from a string:

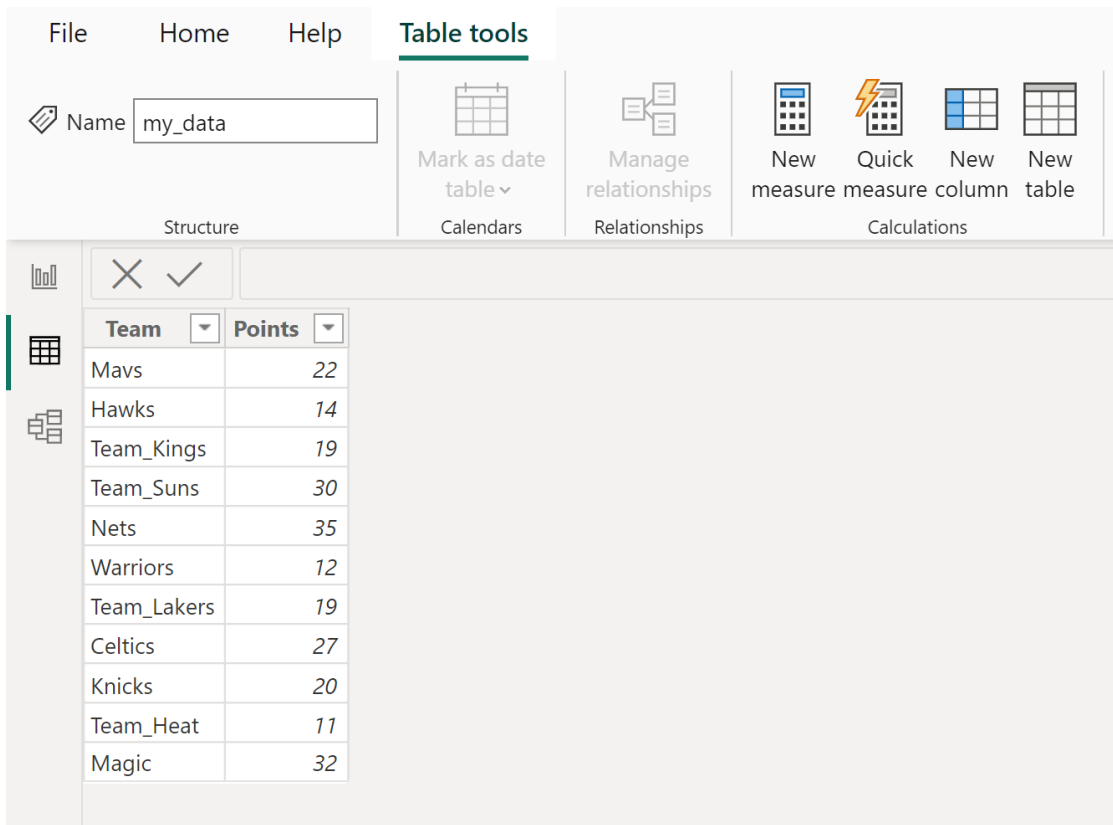
```
Team_New = SUBSTITUTE('my_data', "Team_", "")
```

This particular example creates a new column named **Team_New** that removes the string "Team_" from each string in the **Team** column of the table named **my_data**.

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

Example: How to Remove Characters from String in Power BI

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



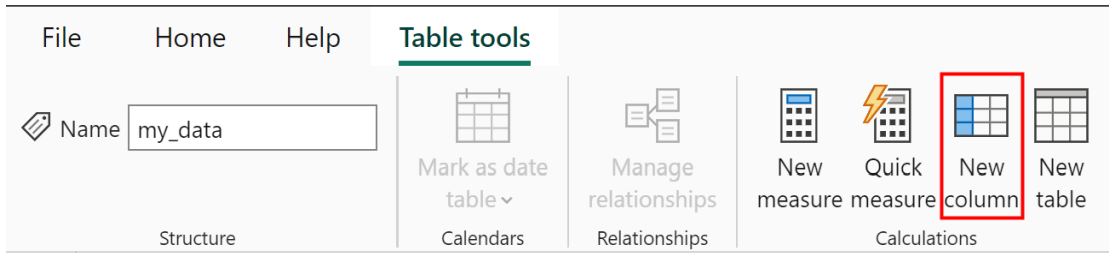
The screenshot shows the Power BI interface with the 'Table tools' ribbon selected. The ribbon includes options like 'Mark as date table', 'Manage relationships', and 'New measure', 'Quick measure', 'New column', and 'New table'. Below the ribbon, a table named 'my_data' is displayed with two columns: 'Team' and 'Points'. The table contains the following data:

Team	Points
Mavs	22
Hawks	14
Team_Kings	19
Team_Suns	30
Nets	35
Warriors	12
Team_Lakers	19
Celtics	27
Knicks	20
Team_Heat	11
Magic	32

Notice that there are several rows in the **Team** column that contain the string "Team_" within the team name.

Suppose that we would like to create a new column that removes "Team_" from each string in the **Team** column.

To do so, click the **Table tools** tab along the top ribbon, then click the **New column** icon:



Then type in the following formula into the formula bar:

Team_New = SUBSTITUTE('my_data', "Team_", "")

This will create a new column named **Team_New** that removes "Team_" from each string in the original **Team** column:

Team	Points	Team_New
Mavs	22	Mavs
Hawks	14	Hawks
Team_Kings	19	Kings
Team_Suns	30	Suns
Nets	35	Nets
Warriors	12	Warriors
Team_Lakers	19	Lakers
Celtics	27	Celtics
Knicks	20	Knicks
Team_Heat	11	Heat
Magic	32	Magic

How This Formula Works

Recall the formula that we used to remove "Team_" from each string in the **Team** column:

Team_New = SUBSTITUTE('my_data', "Team_", "")

This formula uses the **SUBSTITUTE** function to substitute each occurrence of "Team_" in the **Team** column of the **my_data** table with a blank.

This has the same effect as simply removing "Team_" from the string.

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

Additional Resources

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