

How to Add Days to a Date in Power BI Using DATEADD

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To add days to a date in Power BI, you can use the DAX function called "DATEADD". This function allows you to add a specified number of days to a given date, resulting in a new date. The syntax for this function is "DATEADD(starting_date, number_of_days, 'day')". By specifying the appropriate parameters, you can easily add days to a date in your Power BI report or data model. This feature is useful for creating dynamic date calculations and forecasting future dates. Overall, using the DATEADD function in Power BI provides a convenient and efficient way to add days to a date within your data analysis process.

Add Days to Date in Power BI (With Example)

You can use the following formula in DAX to add a specific number of days to an existing date:

Date Plus Seven = 'my_data' + 7

This particular formula creates a new column named Date Plus Seven that adds seven days to the existing dates in the Date column of the table.

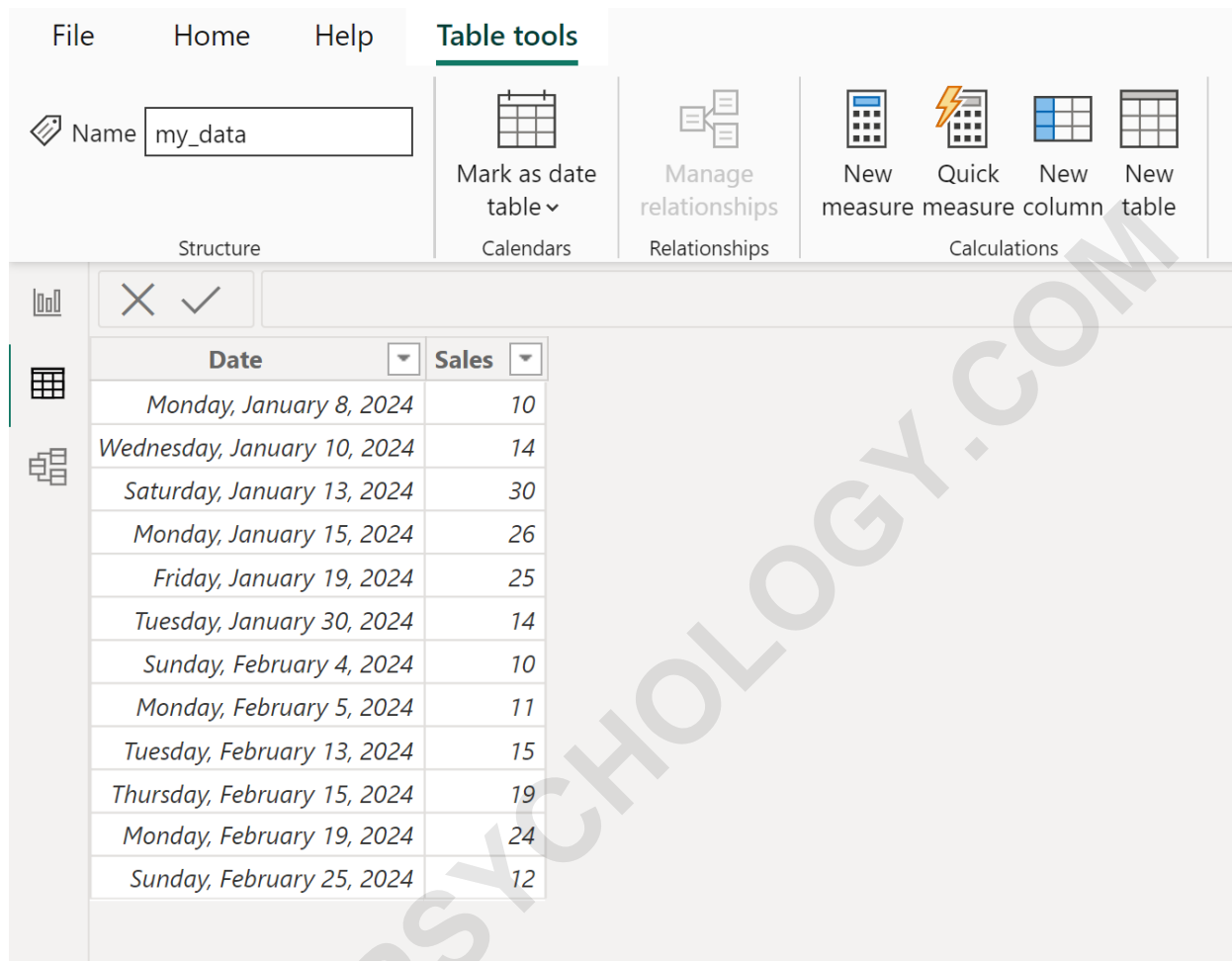
Note: This formula assumes that the existing column named Date has a Data type of Date.

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

Example: How to Add Days to Date in Power BI

Suppose we have the following table named my_data in Power BI that contains information about sales made on

various dates by some company:

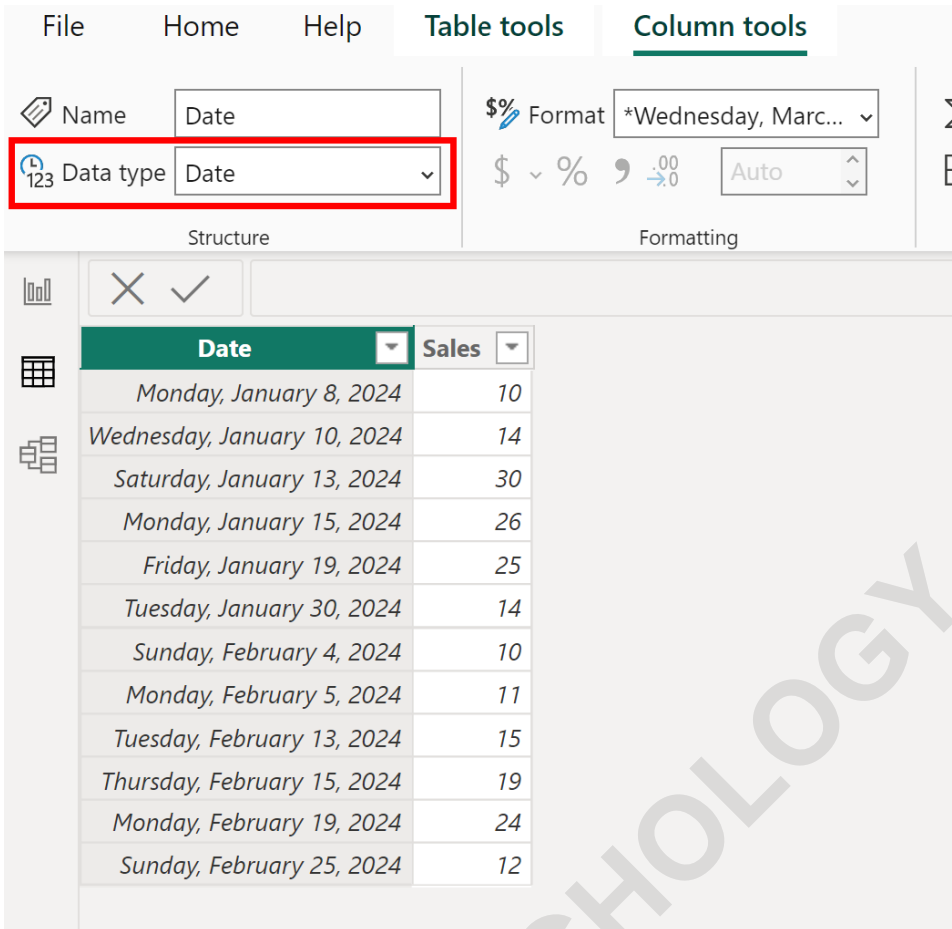


The screenshot shows the Power BI Desktop interface. The 'Table tools' ribbon is active, displaying various options for table manipulation. The 'Name' field is set to 'my_data'. The 'Table tools' ribbon includes options for 'Mark as date table', 'Manage relationships', and 'Calculations' (New measure, Quick measure, New column, New table). Below the ribbon, a table is displayed with two columns: 'Date' and 'Sales'. The 'Date' column contains dates from January 8, 2024, to February 25, 2024. The 'Sales' column contains numerical values ranging from 10 to 30.

Date	Sales
Monday, January 8, 2024	10
Wednesday, January 10, 2024	14
Saturday, January 13, 2024	30
Monday, January 15, 2024	26
Friday, January 19, 2024	25
Tuesday, January 30, 2024	14
Sunday, February 4, 2024	10
Monday, February 5, 2024	11
Tuesday, February 13, 2024	15
Thursday, February 15, 2024	19
Monday, February 19, 2024	24
Sunday, February 25, 2024	12

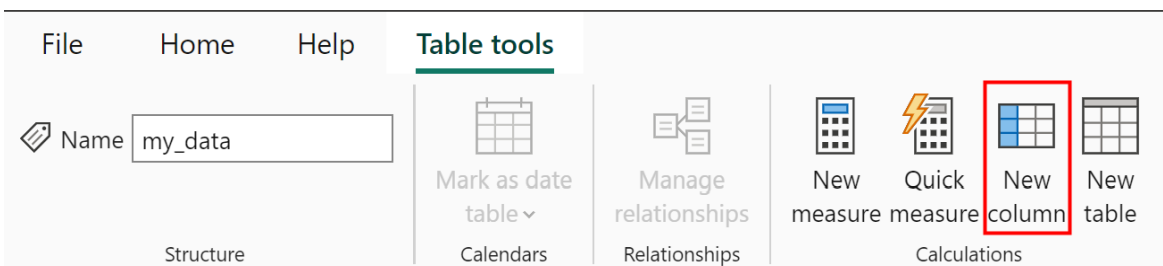
Suppose that we would like to create a new column that adds seven days to each date in the Date column.

Before we do so, we should first click on the Date column header to ensure that the data type is date:



We can see that the Date column does indeed have a data type of date.

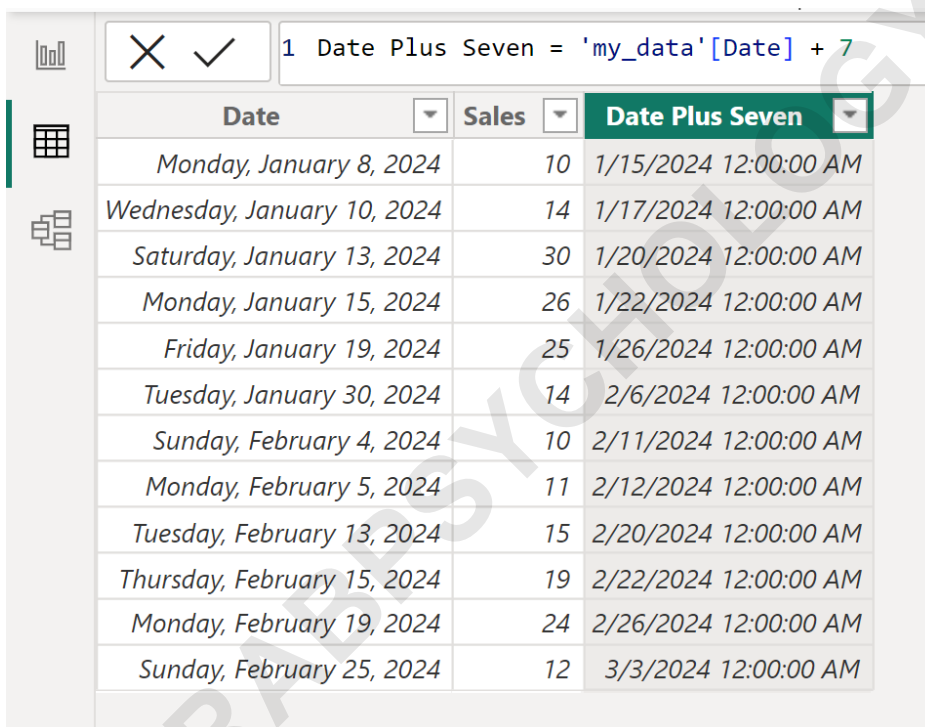
Next, click the Table tools tab, then click the icon called New column:



Then type the following formula into the formula bar:

Date Plus Seven = 'my_data' + 7

This will create a new column named Date Plus Seven that adds seven days to each date in the existing Date column:



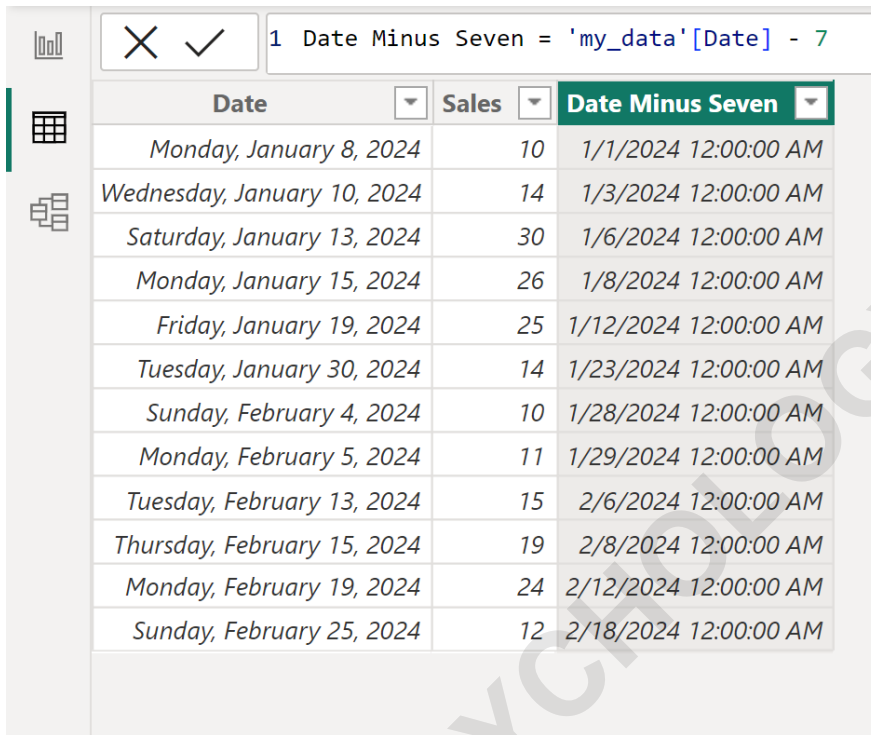
The screenshot shows the Power BI interface. At the top, the formula bar contains the DAX formula: `1 Date Plus Seven = 'my_data'[Date] + 7`. Below the formula bar is a table with three columns: 'Date', 'Sales', and 'Date Plus Seven'. The 'Date Plus Seven' column is highlighted in green. The table contains 12 rows of data, showing dates from January 8, 2024, to February 25, 2024, with corresponding sales values and the calculated dates plus seven days.

Date	Sales	Date Plus Seven
Monday, January 8, 2024	10	1/15/2024 12:00:00 AM
Wednesday, January 10, 2024	14	1/17/2024 12:00:00 AM
Saturday, January 13, 2024	30	1/20/2024 12:00:00 AM
Monday, January 15, 2024	26	1/22/2024 12:00:00 AM
Friday, January 19, 2024	25	1/26/2024 12:00:00 AM
Tuesday, January 30, 2024	14	2/6/2024 12:00:00 AM
Sunday, February 4, 2024	10	2/11/2024 12:00:00 AM
Monday, February 5, 2024	11	2/12/2024 12:00:00 AM
Tuesday, February 13, 2024	15	2/20/2024 12:00:00 AM
Thursday, February 15, 2024	19	2/22/2024 12:00:00 AM
Monday, February 19, 2024	24	2/26/2024 12:00:00 AM
Sunday, February 25, 2024	12	3/3/2024 12:00:00 AM

Note that you could also subtract a specific number of days by using the following syntax:

Date Minus Seven = 'my_data' - 7

This will create a new column named Date Minus Seven that subtracts seven days to each date in the existing Date column:



The screenshot shows the Power BI interface with a DAX formula bar at the top. The formula is: `1 Date Minus Seven = 'my_data'[Date] - 7`. Below the formula bar is a table with three columns: 'Date', 'Sales', and 'Date Minus Seven'. The 'Date Minus Seven' column contains dates that are exactly seven days before the corresponding 'Date' column values.

Date	Sales	Date Minus Seven
Monday, January 8, 2024	10	1/1/2024 12:00:00 AM
Wednesday, January 10, 2024	14	1/3/2024 12:00:00 AM
Saturday, January 13, 2024	30	1/6/2024 12:00:00 AM
Monday, January 15, 2024	26	1/8/2024 12:00:00 AM
Friday, January 19, 2024	25	1/12/2024 12:00:00 AM
Tuesday, January 30, 2024	14	1/23/2024 12:00:00 AM
Sunday, February 4, 2024	10	1/28/2024 12:00:00 AM
Monday, February 5, 2024	11	1/29/2024 12:00:00 AM
Tuesday, February 13, 2024	15	2/6/2024 12:00:00 AM
Thursday, February 15, 2024	19	2/8/2024 12:00:00 AM
Monday, February 19, 2024	24	2/12/2024 12:00:00 AM
Sunday, February 25, 2024	12	2/18/2024 12:00:00 AM

Feel free to replace the 7 in the formula to add or subtract however many days you would like from an existing date column.

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