How to Extract the Year from a Date in Power BI

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To extract the year from a date using Power BI, you can use the YEAR function, which takes in a date as input and returns the year in numeric format. Alternatively, you can use the FORMAT function, which allows you to customize the output format of a date. By specifying "YYYY" as the format, the function will return the year in four digits. Both of these functions can be used in calculated columns or measures to extract the year from a date field in your data. This makes it easy to perform year-based analysis and visualizations in your Power BI reports.

You can use the following syntax in DAX to extract the year from a date in Power BI:

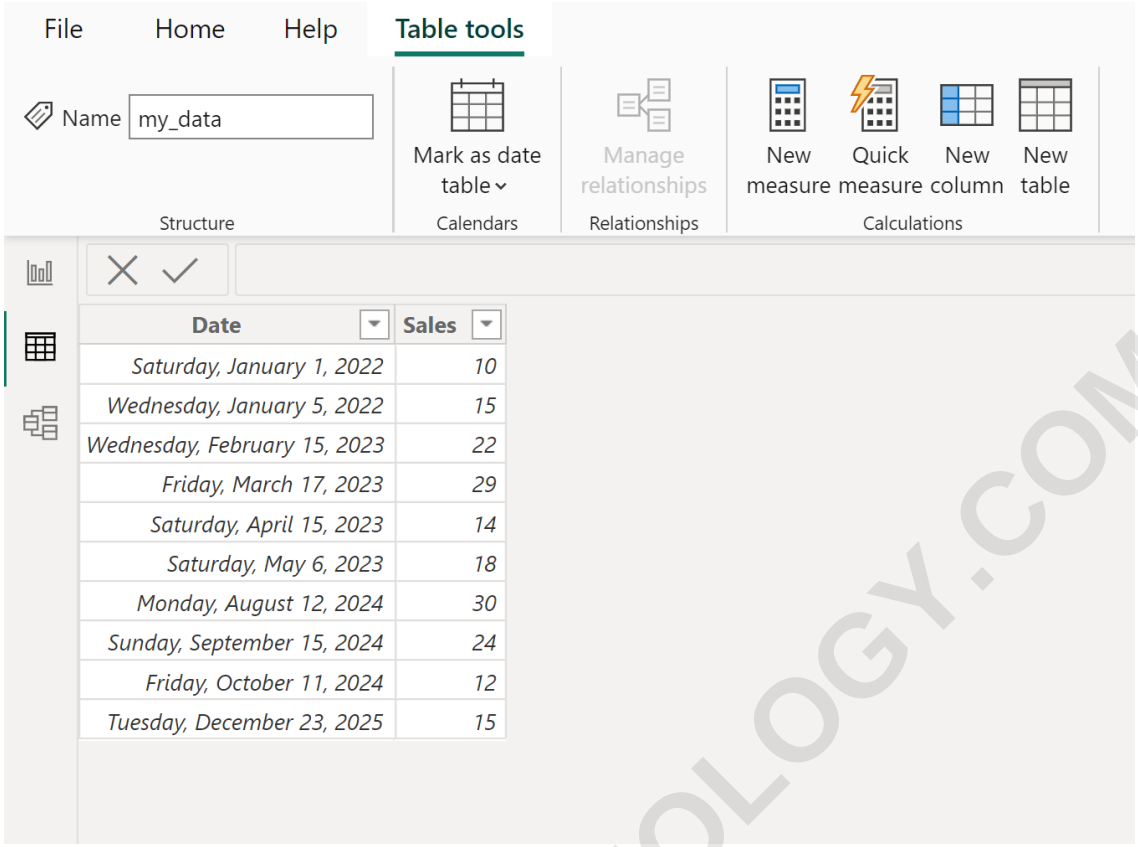
year = YEAR('my_data')

This particular example creates a new column named **year** that extracts the year from the date in the **Date** column of the table named **my_data**.

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

Example: How to Extract Year from Date in Power BI

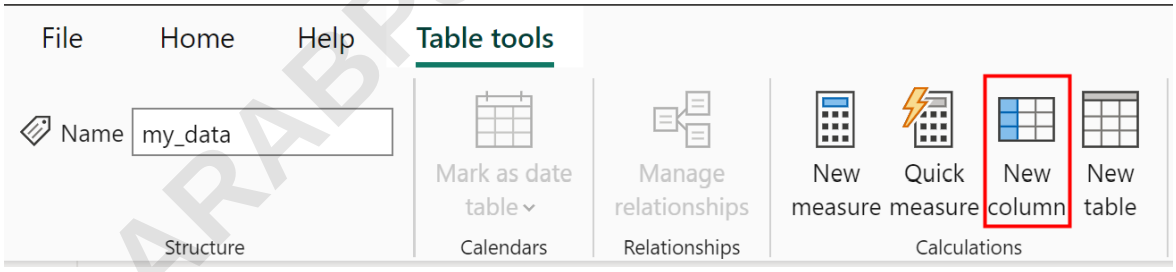
Suppose we have the following table named **my_data** in Power BI that contains information about total sales made by some company on various dates:



Date	Sales
Saturday, January 1, 2022	10
Wednesday, January 5, 2022	15
Wednesday, February 15, 2023	22
Friday, March 17, 2023	29
Saturday, April 15, 2023	14
Saturday, May 6, 2023	18
Monday, August 12, 2024	30
Sunday, September 15, 2024	24
Friday, October 11, 2024	12
Tuesday, December 23, 2025	15

Suppose that we would like to extract the year from each date in the **Date** column.

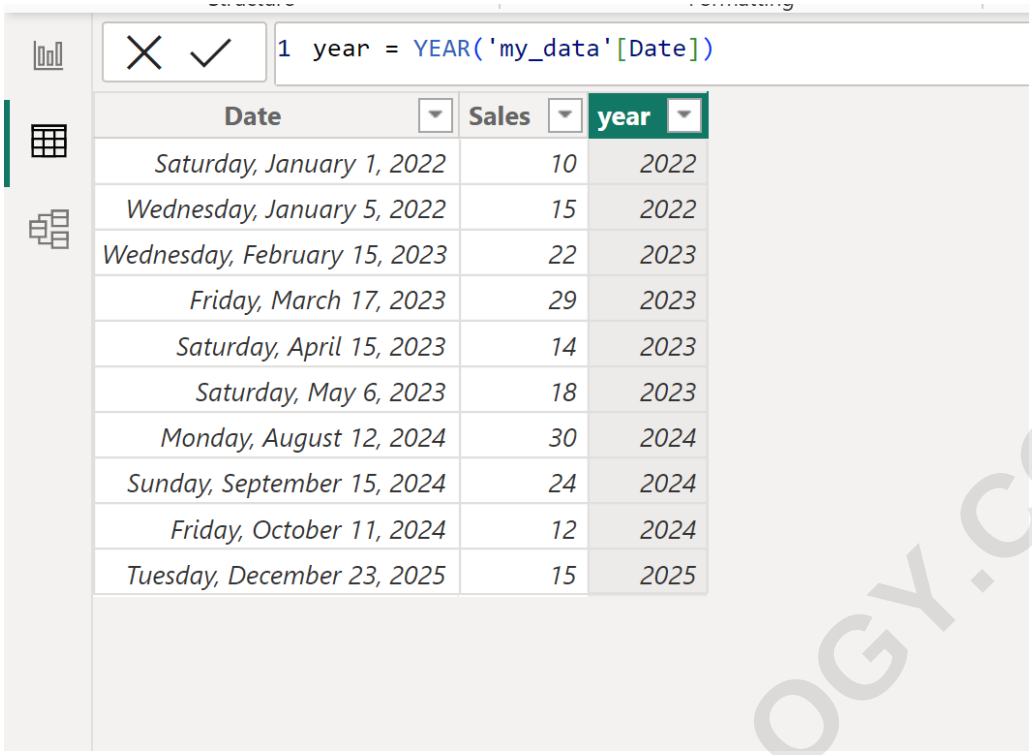
To do so, click the **Table tools** tab, then click the icon called **New column**:



Then type the following formula into the formula bar:

year = YEAR('my_data')

This will create a new column named **year** that contains only the year from the the corresponding date in the **Date** column:



Date	Sales	year
Saturday, January 1, 2022	10	2022
Wednesday, January 5, 2022	15	2022
Wednesday, February 15, 2023	22	2023
Friday, March 17, 2023	29	2023
Saturday, April 15, 2023	14	2023
Saturday, May 6, 2023	18	2023
Monday, August 12, 2024	30	2024
Sunday, September 15, 2024	24	2024
Friday, October 11, 2024	12	2024
Tuesday, December 23, 2025	15	2025

For example:

The formula extracts **2022** from Saturday, January 1, 2022.
The formula extracts **2022** from Wednesday, January 5, 2022.
The formula extracts **2023** from Wednesday, February 15, 2023.

And so on.

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