

Learning to Find the Maximum Value Across Multiple Columns in Power BI

Authored by
Mohammed looti

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RECOMMENDED CITATION

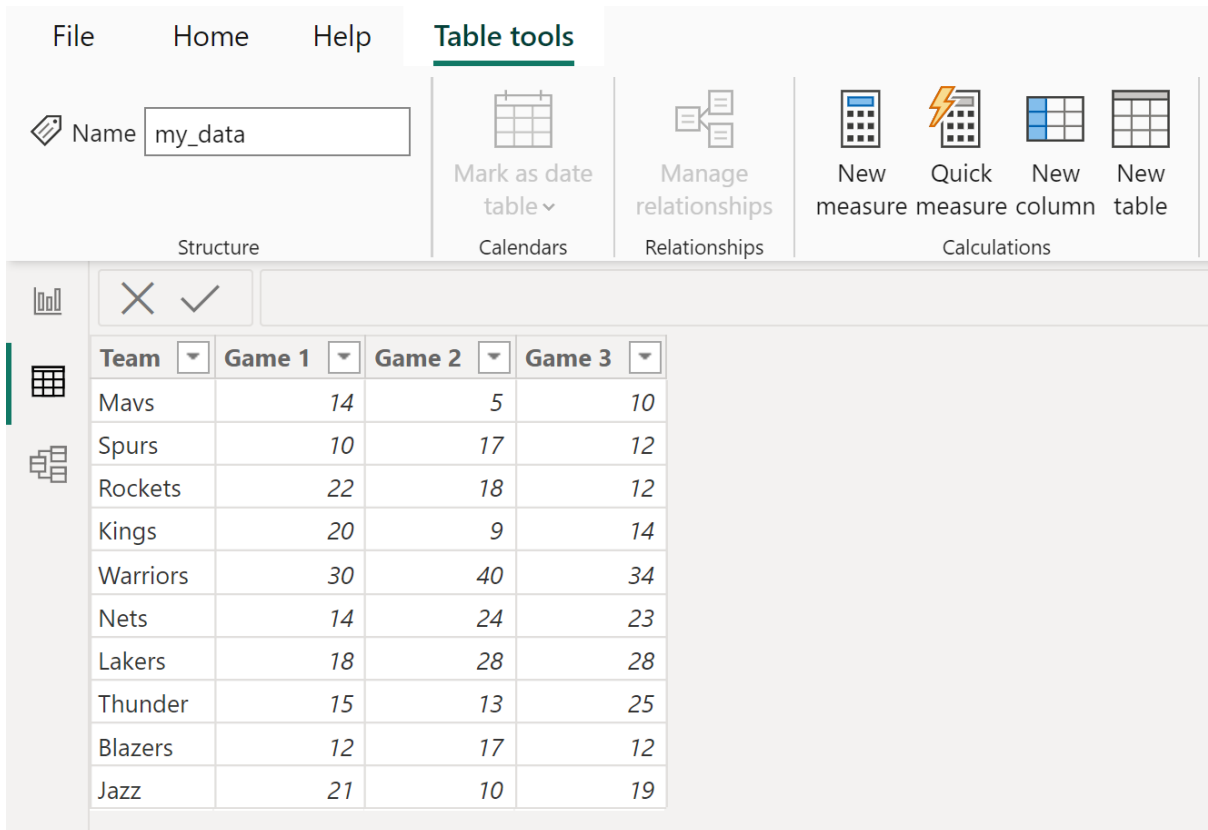
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The easiest way to find the max value across multiple columns in Power BI is to use the **Maximum** function in the **Add column** tab of the **Power Query Editor**.

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

Example: How to Find Max of Multiple Columns in Power BI

Suppose we have the following table in Power BI named **my_data** that contains information about points scored by various basketball players during three different games:



Team	Game 1	Game 2	Game 3
Mavs	14	5	10
Spurs	10	17	12
Rockets	22	18	12
Kings	20	9	14
Warriors	30	40	34
Nets	14	24	23
Lakers	18	28	28
Thunder	15	13	25
Blazers	12	17	12
Jazz	21	10	19

Suppose we would like to create a new column that shows the max value of points scored by each player across all three games.

To do so, click the **Transform data** icon on the **Home** tab:



Next, click the **Add column** tab along the top ribbon.

Then hold **Ctrl** and select the column headers for **Game 1**, **Game 2** and **Game 3**.

Then click the **Statistics** icon, then click **Maximum** from the dropdown menu:



A new column named **Maximum** will be created that shows the max points scored by each player across all three games:

	A ^B C Team	1 ² 3 Game 1	1 ² 3 Game 2	1 ² 3 Game 3	1 ² 3 Maximum	
1	Mavs		14	5	10	14
2	Spurs		10	17	12	17
3	Rockets		22	18	12	22
4	Kings		20	9	14	20
5	Warriors		30	40	34	40
6	Nets		14	24	23	24
7	Lakers		18	28	28	28
8	Thunder		15	13	25	25
9	Blazers		12	17	12	17
10	Jazz		21	10	19	21

From the output we can see:

The max points scored by the **Mavs** player across the three games was **14**.

The max points scored by the **Spurs** player across the three games was **17**.

The max points scored by the **Rockets** player across the three games was **22**.

And so on.

Additional Resources

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