

Learning Power BI: Creating Measures with Multiple Value Filters

Authored by
Mohammed looti

November 12, 2025

RECOMMENDED CITATION

Mohammed looti (2025). *Learning Power BI: Creating Measures with Multiple Value Filters*. PSYCHOLOGICAL STATISTICS. Retrieved from <https://statistics.arabpsychology.com/?p=17619>

You can use the following syntax in DAX to create a measure that filters rows based on multiple values:

Method 1: Create Measure by Filtering with AND Condition

Sum of Points =

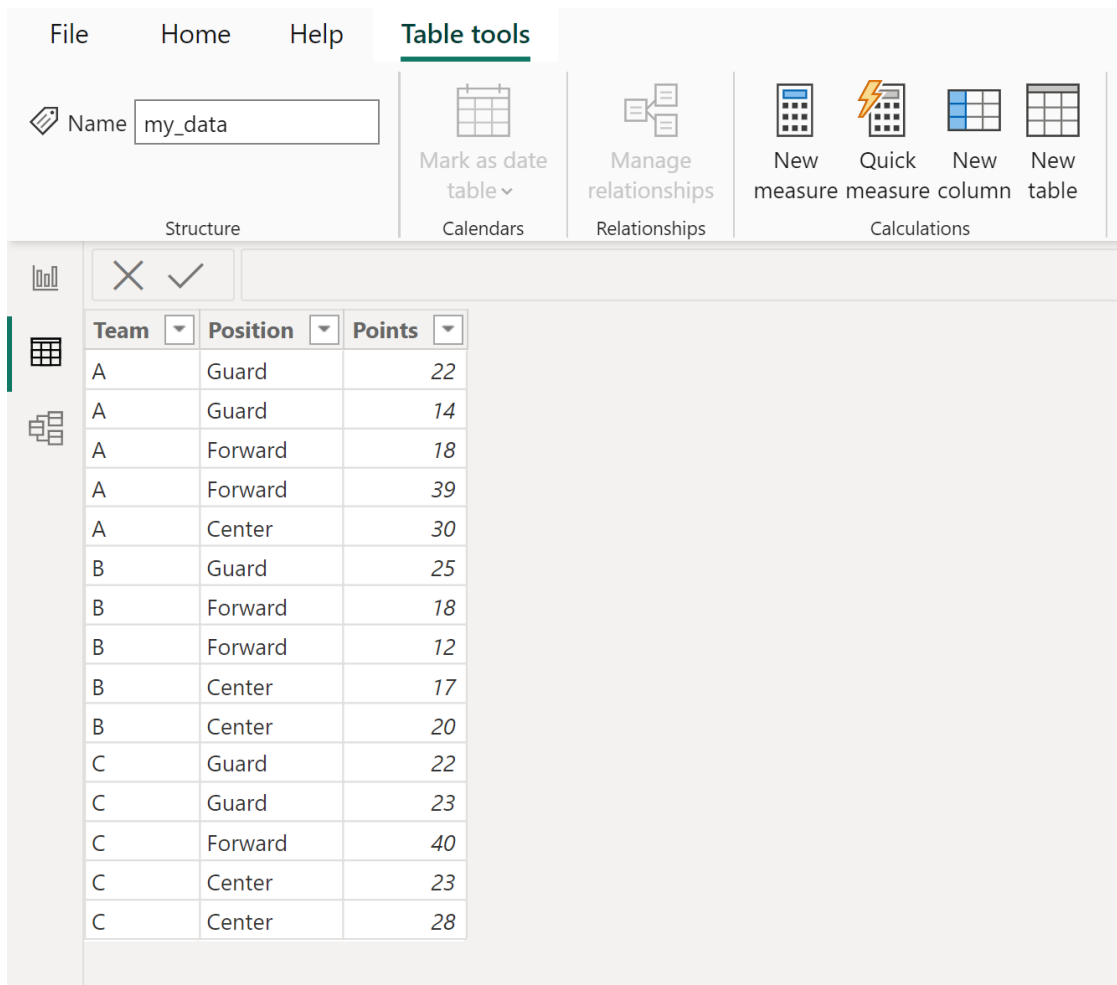
```
CALCULATE ( SUM ( 'my_data' ), 'my_data' IN { "A", "C" } )
```

This particular example creates a new measure named **Sum of Points** that calculates the sum of the values in the **Points** column only for the rows where the **Team** column is equal to either A or C.

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

Example: Create Measure and Filter on Multiple Values in Power BI

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

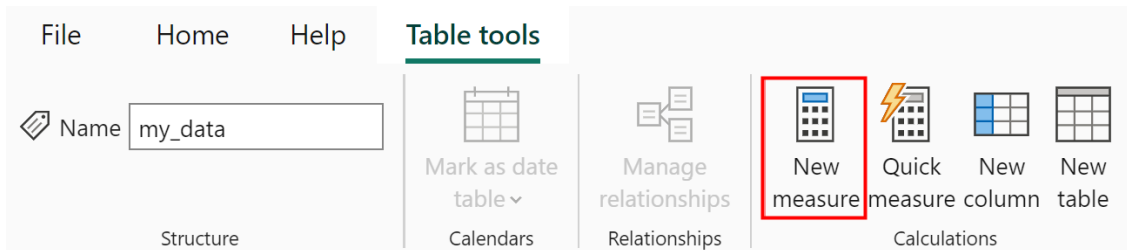


The screenshot shows the Power BI interface. The 'Table tools' ribbon is active, displaying options like 'Mark as date table', 'Manage relationships', and 'Calculations'. Below the ribbon, a table named 'my_data' is displayed with the following data:

Team	Position	Points
A	Guard	22
A	Guard	14
A	Forward	18
A	Forward	39
A	Center	30
B	Guard	25
B	Forward	18
B	Forward	12
B	Center	17
B	Center	20
C	Guard	22
C	Guard	23
C	Forward	40
C	Center	23
C	Center	28

Suppose we would like to calculate the sum of values in the **Points** column only for the players who have a value in the **Team** column of A or C.

To do so, click the **Table tools** tab and then click the **New measure** icon:



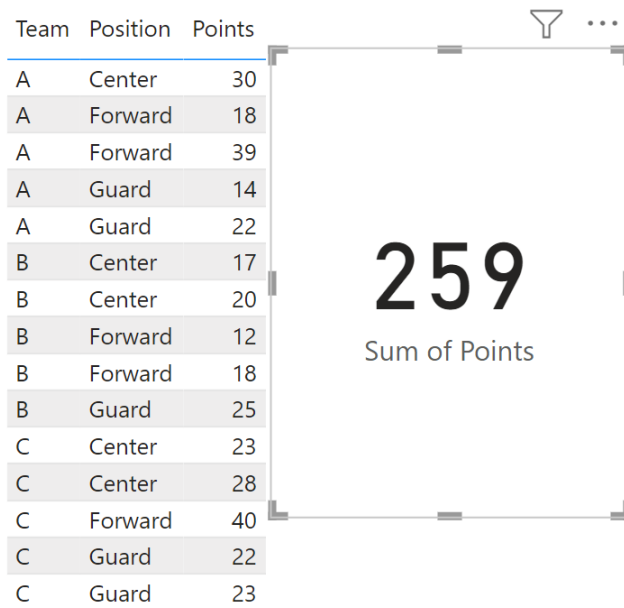
Then type the following formula into the formula bar:

Sum of Points =
CALCULATE (SUM ('my_data'), 'my_data' IN { "A", "C" })

Team	Position	Points
A	Guard	22
A	Guard	14
A	Forward	18
A	Forward	39
A	Center	30
B	Guard	25
B	Forward	18
B	Forward	12
B	Center	17
B	Center	20
C	Guard	22
C	Guard	23
C	Forward	40
C	Center	23
C	Center	28

We can view this measure by switching to the Report View and inserting a card visualization that displays the value of the measure:

Team	Position	Points
A	Center	30
A	Forward	18
A	Forward	39
A	Guard	14
A	Guard	22
B	Center	17
B	Center	20
B	Forward	12
B	Forward	18
B	Guard	25
C	Center	23
C	Center	28
C	Forward	40
C	Guard	22
C	Guard	23



We can see that the sum of points for the players who are on either team A or C is **259**.

Additional Resources

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