How to Use the Calculate Measure Function

This article discusses the following:

- [What is the Calculate Measure function?](#)
- [When can I use this function?](#)

What is the Calculate Measure function?

The MSPbots app currently provides six measure functions such as sum, count, avg, max, min. and string_agg. Another is the Calculate Measure function found under Advance Measure. To locate this function:
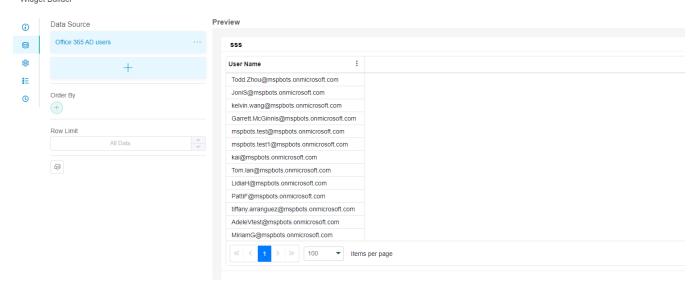
1. Go to **Widgets** on the MSPbots app and select the widget to be configured.
2. On the Widget Builder window, click the **Dataset** icon, click the plus button, and select **New Layer**.
3. Next, find Measure on the Dataset window and click the plus sign.

4. When the Measure box opens, click **Advance**.

Dataset

Dataset:

select

Show datasource name as

Columns Display:

Select All   Clear All

Column Name	Alias	Business Type	
Select Column Nar ∨ *fx*	Enter Alias	Select Business Ty ∨	

Filter:

AND   OR   ⊕

Measure   +

Dimension   +

Order By

⊕

Row Limit

All Data

Measure   Advance

* Summarize Type

Please Select   ∧

sum

count

avg

max

min

string_agg

☐ Distinct

Close   Add

This opens Calculate Measure settings box.

< **Advance**

Calculate Measure

ⓘ Make sure the SQL is executable.

* Alias

Format Type

Please Select   ∨

☐ Distinct

Close   Add
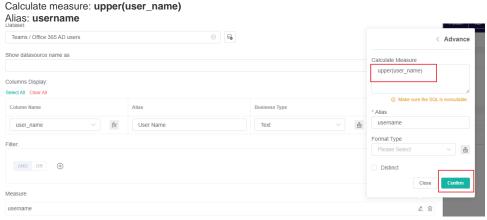
When can I use this function?

One of the ways to use the Calculate Measure function is to display the username values in uppercase. Below is how the user names are shown before utilizing the function:

To display these values in uppercase:

1. Input the following on the Dataset window:
    Calculate measure: **upper(user_name)**
    Alias: **username**

    Note: Username is the column name.

2. Click **Confirm**. Below is are the values after the configuration.

Widget Builder

Data Source

Office 365 AD users

+

Order By
+

Row Limit

All Data

Preview

sss

username	
TODD.ZHOU@MSPBOTS.ONMICROSOFT.COM	
JONIS@MSPBOTS.ONMICROSOFT.COM	
KELVIN.WANG@MSPBOTS.ONMICROSOFT.COM	
GARRETT.MCGINNIS@MSPBOTS.ONMICROSOFT.COM	
MSPBOTS.TEST@MSPBOTS.ONMICROSOFT.COM	
MSPBOTS.TEST1@MSPBOTS.ONMICROSOFT.COM	
KAI@MSPBOTS.ONMICROSOFT.COM	
TOM.LAN@MSPBOTS.ONMICROSOFT.COM	
LIDIAH@MSPBOTS.ONMICROSOFT.COM	
PATTIF@MSPBOTS.ONMICROSOFT.COM	
TIFFANY.ARRANGUEZ@MSPBOTS.ONMICROSOFT.COM	
ADELEVTEST@MSPBOTS.ONMICROSOFT.COM	
MIRIAMG@MSPBOTS.ONMICROSOFT.COM	

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