

Creating the Line Chart and Stacked Line Widgets

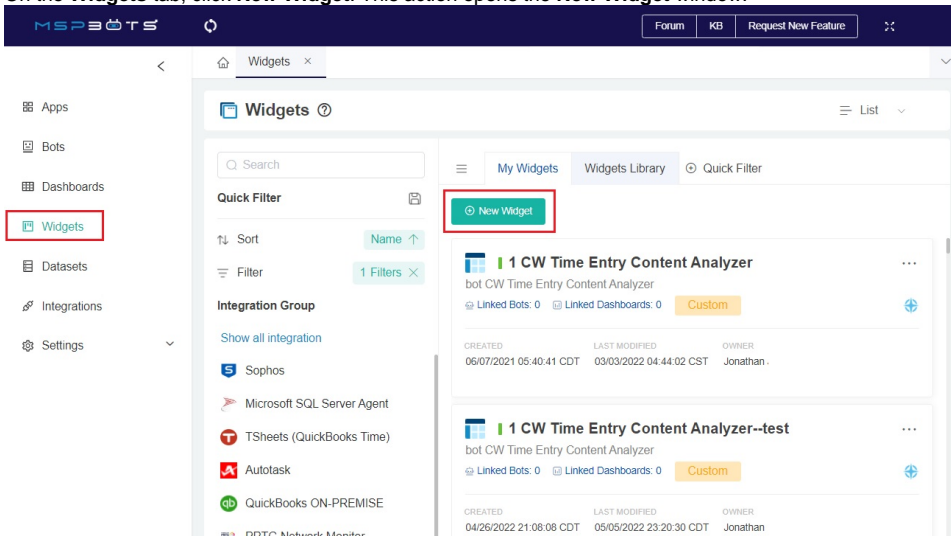
A Line Chart widget is another widget type that MSPbots users can utilize to highlight key data and identify actionable items. It is helpful when you want to visualize trends in data and measure the impact of these trends on your MSP's operations and goals over time.

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- [How to create a stacking line widget](#)
- [Video Instructions](#)

How to design a line chart widget

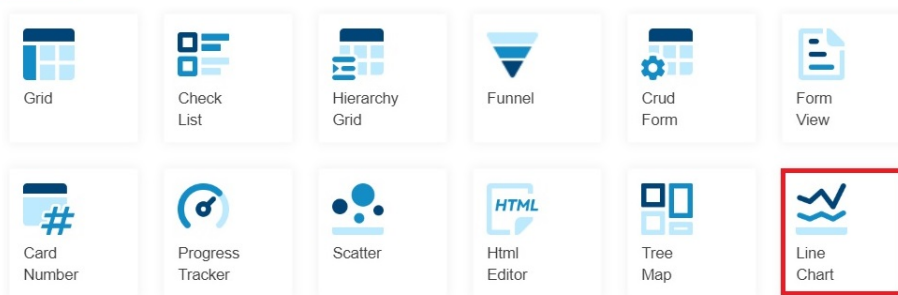
1. On the MSPbots menu, navigate to **Widgets**.
2. On the **Widgets** tab, click **New Widget**. This action opens the **New Widget** window.



3. On the **New Widget** window, select the **Line Chart** widget type.

New Widget ?

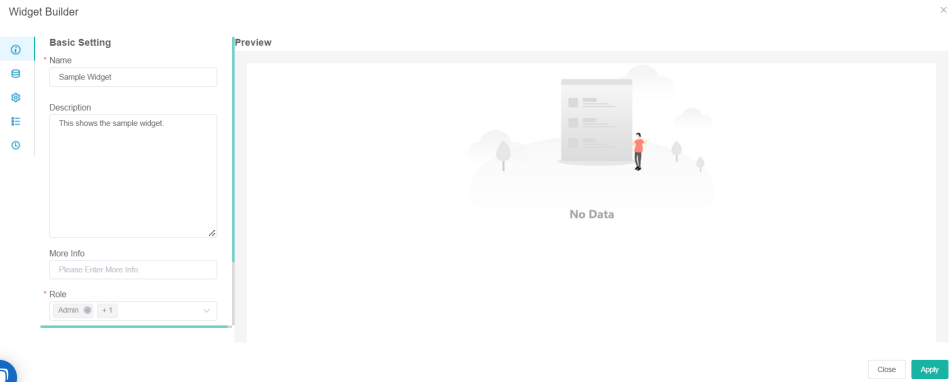
Published



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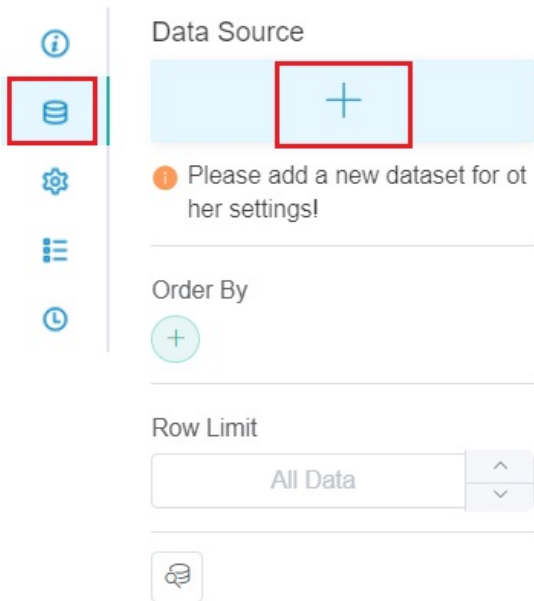
4. When the **Widget Builder** window opens, provide the following:
 - **Name** - Give the widget a Name.
 - **Description** - Provide a short Description.

- **Role** - Select **User** or **Admin**.

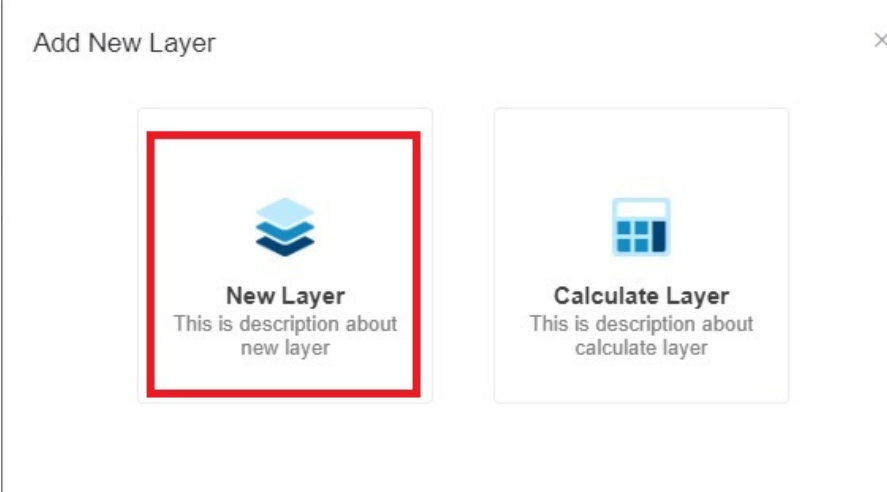


5. Click the **Apply** button.
6. Go to **Dataset** and click **+** button.


Widget Builder





7. When the **Add New Layer** window appears, click **New Layer**.



8. Do the following on the **Dataset** window:
 - a. Select a dataset to use.

- b. Provide a name for the dataset used.
 - c. Add columns by selecting an option from the **Column Name** dropdown list and assigning an **Alias** and **Business Type** for each. Click the  button to add more rows.
 - d. Add filters, measures, and dimensions.
 - e. Choose a value for **Order By** and input a value for **Row Limit**, if necessary.
9. Click the **Save** button.





Dataset:


Show datasource name as



Columns Display:


[Select All](#) [Clear All](#)


Column Name	Alias	Business Type	
<input type="text" value="Select Column 1"/> 	<input type="text" value="Enter Alias"/>	<input type="text" value="Select Business"/> 	 

Filter:






Measure 

Dimension 

Order By



Row Limit

☐ Remove duplicate data

10. Click **Apply**. This will show a default preview of the line chart that you created.
11. Next, go to **Config**. Provide data for the following fields:
 - **Line Chart Title** - Provide a title for the data being presented.
 - **Dimension** - Select the data for the x-axis (horizontal).
 - **Set Goal** - Provide a preferred set goal, if necessary.
 - **Goal Color** - Select an appropriate color for the set goal.
 - **Set Smooth** - Tick the Set Smooth box to have smooth lines for the line chart.
 - **Measure** - Select the data for the y-axis (vertical) of the bar chart.
 - **Dimension Group** - Select a preferred dimension group from the dropdown list, if necessary.
 - **Trendline** - Select a preferred trendline from the dropdown list, if necessary.
 - **Dimension Name** - Provide the name for x-axis of the line chart.
 - **Measure Name** - Provide the name for the y-axis (vertical).
 - **yAxis NameLocation** - Select a preferred location for the **Measure Name** (Start, Center, End) from the dropdown list, if necessary.
 - **yAxis NameGap** - Provide a preferred number of gaps for **Measure Name**, if necessary.
 - **xAxis Label Rotate** - Provide a preferred orientation for **Dimension Name**, if necessary.

- ### Conditional Formatting

You can add rules to make the cells in this table change if they meet certain conditions.

[+ Add a rule](#)

Rules will be applied to the selected cells. Click and drag to select a range of cells.

Preview

10	100	1000
20	200	2000
30	300	3000
40	400	4000
50	500	5000
60	600	6000
70	700	7000
80	800	8000
90	900	9000
100	1000	10000

Add a rule

*Widget Rule

Only the ">", "<", "=", ">=", "<=", "!=" type is supported for the time being

AND

OR

+

☒ Color Cell
 ☐ Color Entire Row

Background Color

Text Color

Apply

- ## How to create a stacking line widget

After filling the fields under **Config** in Step 11 for creating a line chart, scroll down and select the **Stacked Area Style** option.

Video Instructions

Watch this video or follow the procedure below to create a line chart widget.