



# WHAT'S NEW AND RELEASE NOTES

Release: 2023.1

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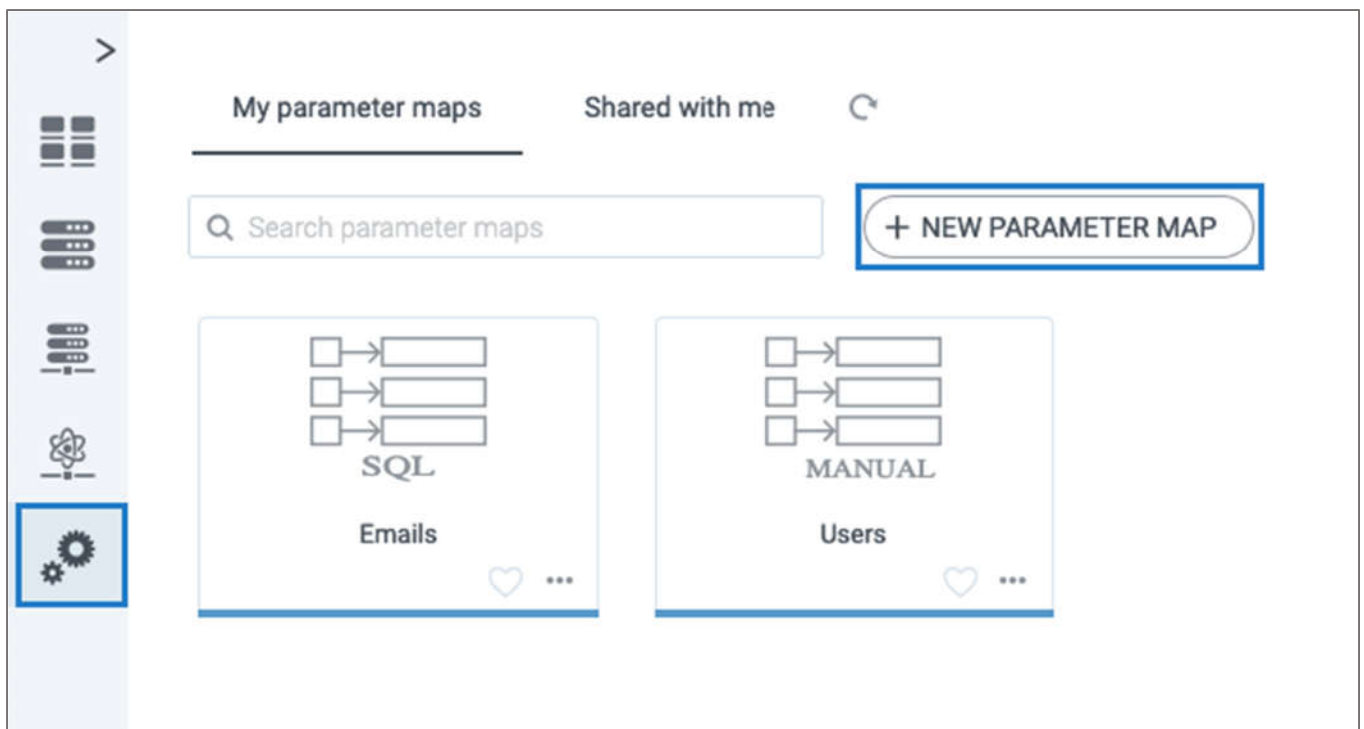
## NEW FEATURES AND IMPROVEMENTS

### DATA PREPARATION

#### *Use parameter maps*

Starting with this release, you can configure and use parameter maps for data preparation and visualizations. Parameter maps are objects that store key-value pairs and are similar to data source look-up tables. Parameter maps increase efficiency and consistency, improve accuracy, and enhance flexibility when working with data. Parameter maps can be used in dataset calculations, filters, and expressions.

To add, configure, and manage parameter maps, open a new dedicated **Parameter maps** pane by clicking a corresponding icon on the sidebar.



Click **New Parameter Map** to create a new map. You can create a parameter map by manually entering your key and value pairs along with the **Default value** for new keys. Also, advanced users can base a parameter map on a custom SQL statement.

The screenshot shows the 'EDIT PARAMETER MAPS' interface. On the left is a sidebar with a gear icon. The main area is titled 'Manual entries' and contains a text input field with the value 'Users'. Below this is a 'Default value' section with a text input field containing 'guest'. Underneath is a table of 'Parameter map items' with columns for 'Key' and 'Value'. The table contains three rows: 'admin' with value 'admin', 'dashboard' with value 'v.smith@example.com', and 'sales' with value 'a.rogers@example.com'. Each row has a 'DELETE' button, and the 'sales' row has an 'ADD' button.

Key	Value	Action
admin	admin	DELETE
dashboard	v.smith@example.com	DELETE
sales	a.rogers@example.com	ADD

## Use more bulk formatting options for naming dataset columns

You can now use different camelCase options when renaming all columns for a new table that you add to a dataset in the **Choose tables to import** dialog. To do so, next to a table name, click **More options > Rename all columns**, and in **Format**, specify one of the following:

- Camel Case
- CamelCase
- lowerCamelCase

The screenshot shows the 'CHOOSE TABLES TO IMPORT' dialog with two panes: 'TABLES' and 'SELECTED ITEMS'. In the 'SELECTED ITEMS' pane, the 'Locations' table is selected, and a context menu is open with 'Rename all columns' highlighted. A modal window titled 'RENAME ALL COLUMNS' is displayed, showing options for 'Add prefix', 'Add suffix', 'Format', and 'Replace'. The 'Format' section is expanded, showing a list of options: 'Capitalize first letter', 'Make uppercase', 'Make lowercase', 'Camel Case', 'CamelCase', and 'lowerCamelCase'. The 'Camel Case' option is selected and highlighted with a blue border. The 'RENAME ALL COLUMNS' window also includes 'CANCEL' and 'OK' buttons.

*View more information about shared datasets, data connections, and AI connections*

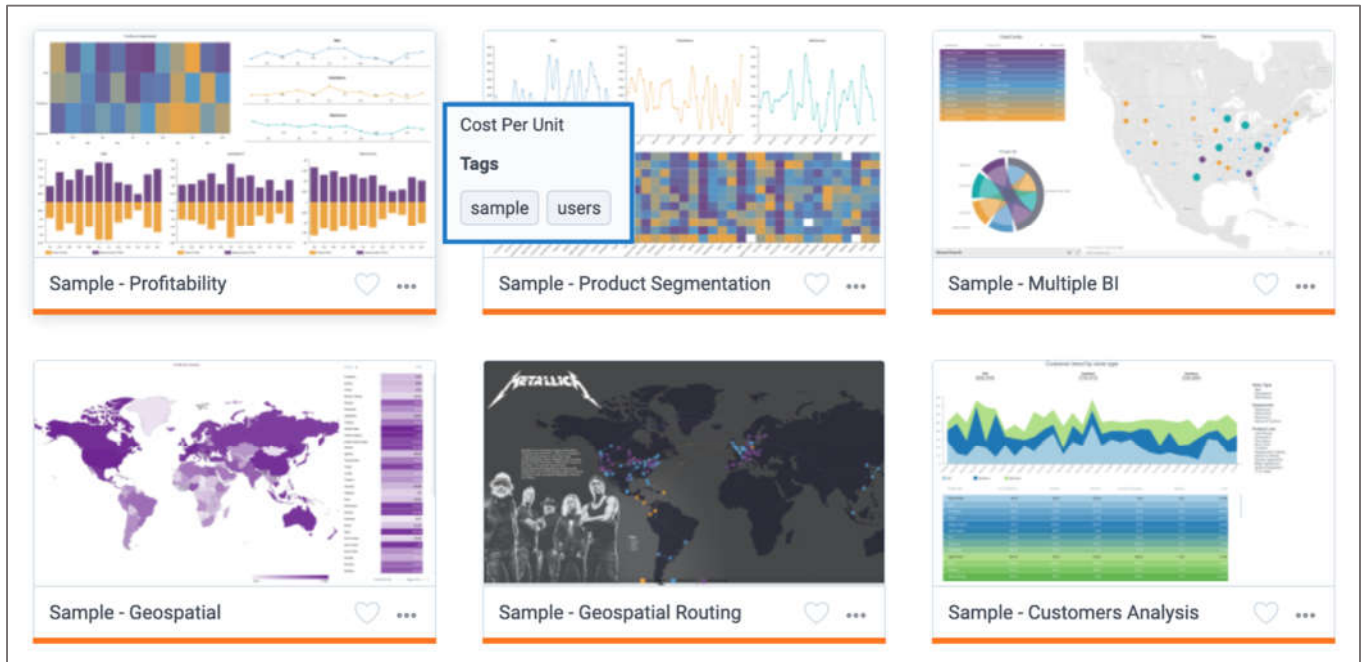
Now, when using **List view** in **My datasets**, **My data connections**, and **My AI connections**, you can benefit from the new **Shared with** column providing the number of groups and users with whom you shared the specific item.

Type	Color	Favorite	Name	Tags	Last updated ↓	Data	Shared with
▶	■	♥	Sample - World Sales	...	Mar 1, 2023, 8:20 PM	Live	
▶	■	♥	Sample - US Sales	...	Mar 1, 2023, 8:20 PM	Live	(1 Group, 1 User)
	■	♥	Sample - Metallica Tours	...	Mar 1, 2023, 8:20 PM	Live	
	■	♥	Sample - Hurricanes	...	Mar 1, 2023, 8:20 PM	Live	

## STORYBOARDS

*View storyboard's description and tags in Tile view*

Tags are keywords that help users better categorize and find storyboards that you can set by using **More options** for each individual storyboard. Starting from this release, you can quickly preview assigned tags and description of a storyboard by hovering over its tile.



## Use conditional formatting for values in Table widget

You can now highlight values in a Table widget with different color and icons based on configurable rules. Click on gears icon next to column and then select **Conditional formatting**.

To better track changes in your data, you can now highlight values in the **Table** widget with different color and icons based on the configurable rules. When selecting a column for analysis, click **Options** and select **Conditional formatting**.

Customer Country	Sales per transaction
United Kingdom	69.00
United States	558.00
Canada	2.2K
United States	72.00
South Africa	367.00
Australia	87.00
United States	417.00
Canada	221.00
Ireland	81.00
United States	542.00
Australia	108.00
United States	2.25K
Ireland	479.00
Turkey	104.00
United States	64.00
Belgium	618.00
United States	320.00
United States	105.00

✓ ✎ ?
✕

🔍
👁️
🔧

Table
+

Data
? -

Dataset
🔄 ⚙️ 🗑️

PostgreSQL 10.15.16.184
▼

Group data
Off

Columns

Customer Country ⚙️ ✕

Sales per transaction (None) ⚙️ ✕

Format 🔄

Conditional formatting

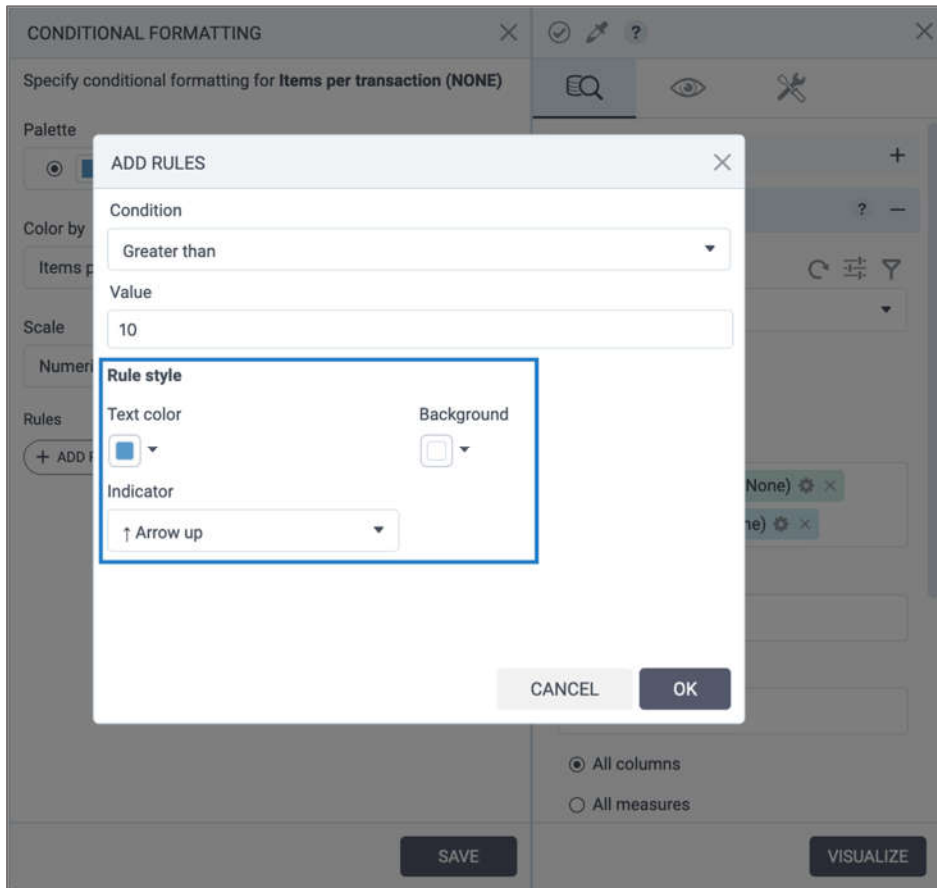
Rename in this viz

Tooltip

Color



Then, configure a rule by adding a condition and value based on which the data must be highlighted. To highlight the data with the specific rule, you can select a **Text color**, **Background color**, and **Indicator** icon.



After saving the new rule, click **Visualize** and preview the results in your visualization. To customize conditional formatting, you can select a suitable palette, and specify which scale to apply – Numeric or Percentage.

Items per transaction	Sales Date
17.00 ↑	Jan
10.00	Feb
3.00	Jan
15.00 ↑	Jan
13.00 ↑	Feb
13.00 ↑	Jan
9.00	Jan
13.00 ↑	Jan
7.00	Jan
7.00	Jan
24.00 ↑	Jan
7.00	Jan
20.00 ↑	Jan
4.00	Jan
20.00 ↑	Jan
8.00	Jan
13.00 ↑	Jan
22.00 ↑	Feb
11.00 ↑	Feb
3.00	Jan
7.00	Jan
14.00 ↑	Jan
8.00	Feb
13.00 ↑	Jan
6.00	Jan
5.00	Feb
5.00	Jan

**CONDITIONAL FORMATTING**

Specify conditional formatting for **Items per transaction (NONE)**

**Palette**  
 Default

**Color by**  
 Items per transaction (NONE)

**Scale**  
 Numeric

**Rules**

Greater than 10 123 ↑

**Table** +

**Data** ? -

**Dataset** MSSQL Sales

**Group data** Off

**Columns**  
 Items per transaction (None) ×  
 Sales Date (Month name) ×

**Tooltip**

**Color**

All columns  
 All measures  
 Color measure

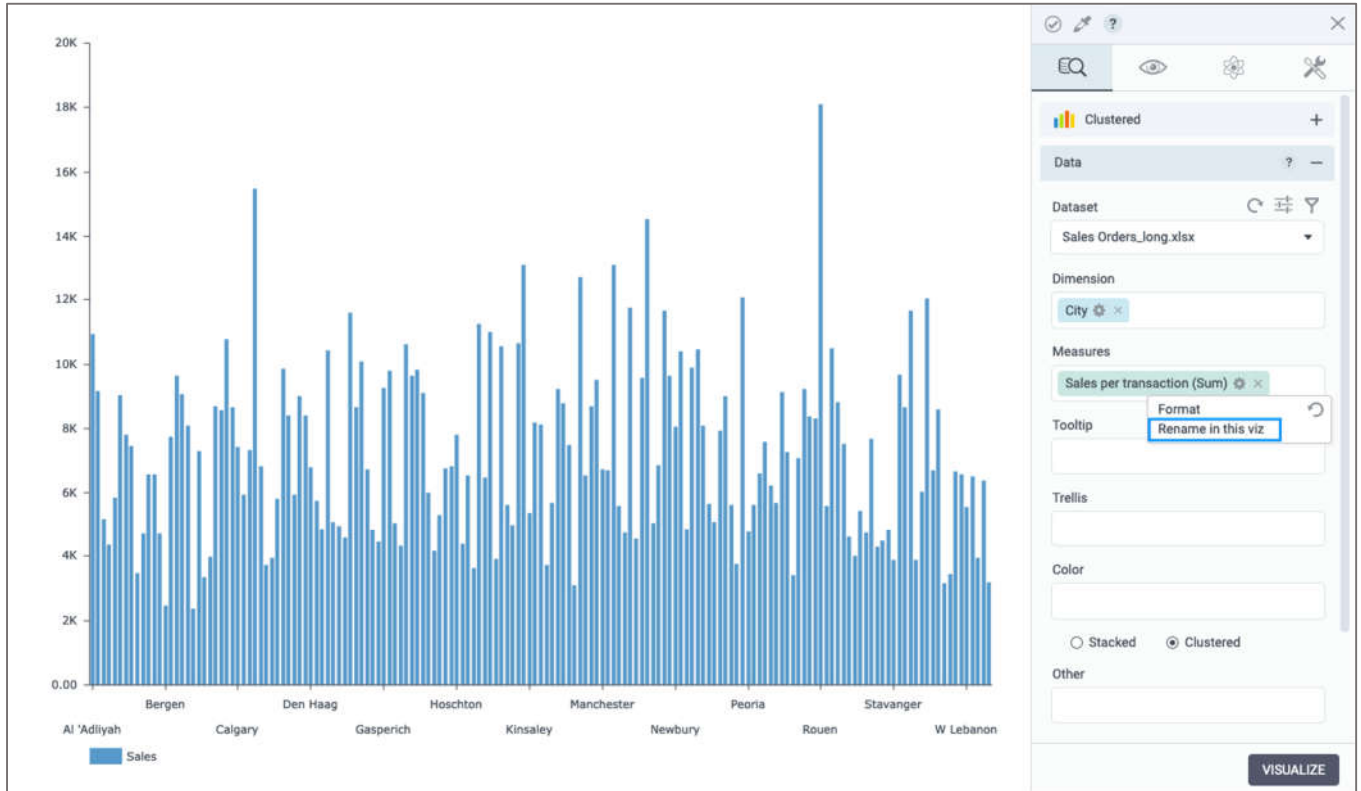
**Other**

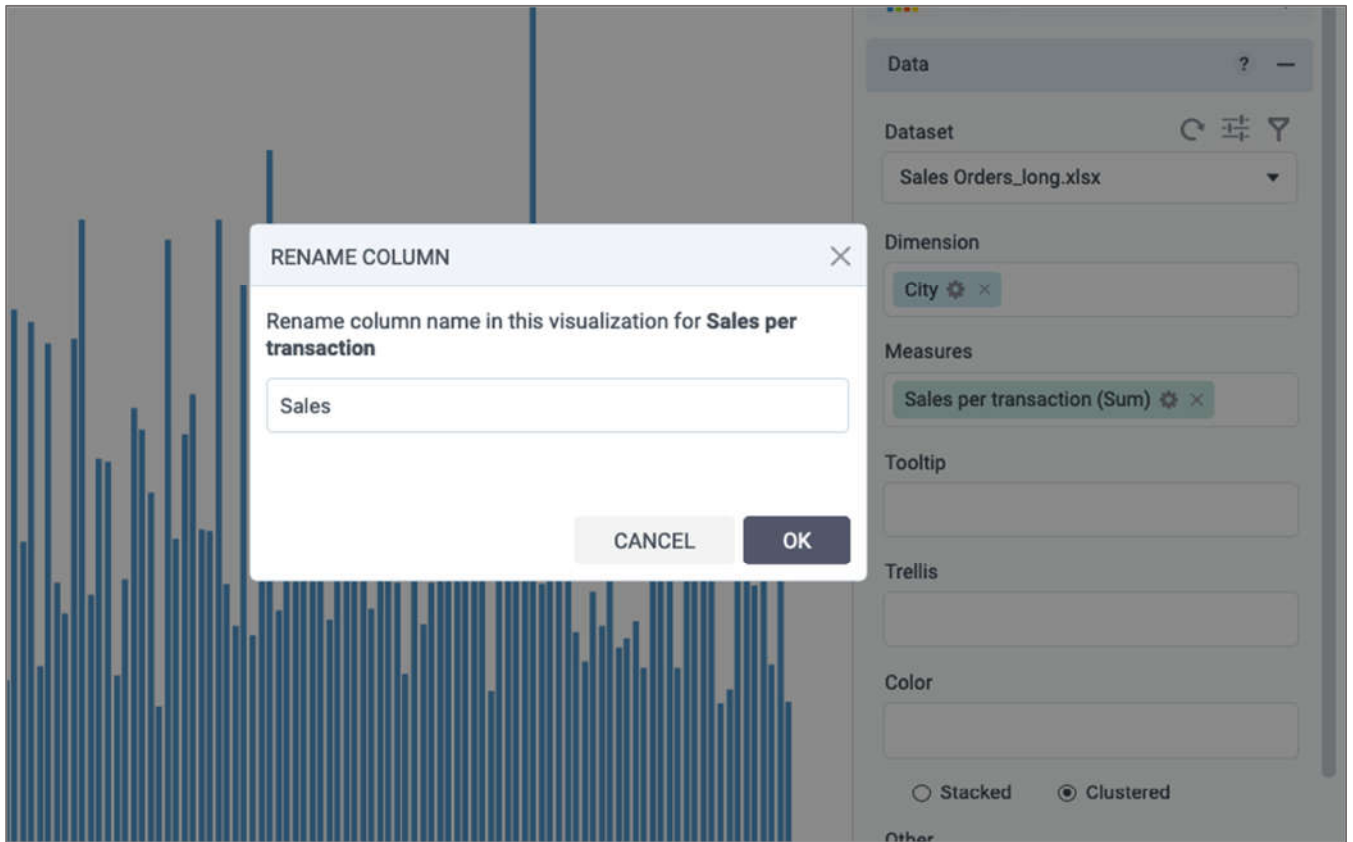
**Switch columns**

**Data view options** +

## Change displayed name for columns in all charts

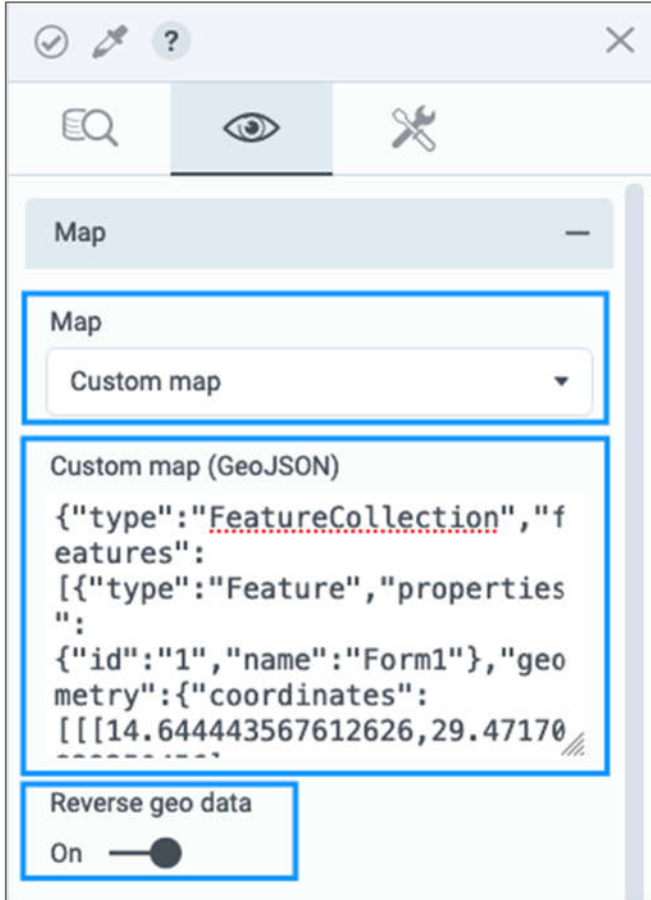
You can now change the displayed name of columns in all chart widgets. Click **Options** next to column, and then select **Rename in this viz**. Then, input desired name and confirm. Changes are reflected in chart legend.





### Create custom maps based on GeoJSON

Now, you can use the **Filled map** widget to visualize custom shapes predefined by coordinates in a GeoJSON file. To do so, on the **appearance** tab, select **Custom map** from map options, and enter JSON data.



Make sure you select a dataset that has corresponding geo dimension data, and visualize the map. You can use the **Reverse geo data** switch if GeoJSON has reverse coordinates for a shape.

