

Adding an Aggregated Formula to a Group Table

Last Modified on 11/24/2023 2:25 pm EST

Our new Dashboard feature is available upon request for the initial launch phase. Please contact your Customer Success Manager if you'd like to schedule implementation with our Services team.

Overview

Aggregated Formulas allow users to create new columns of data based on predefined aggregate functions (e.g., Running Average, Running Sum, Running Min, etc.) using Column Data from the Columns loaded in the Columns field.

User Account Requirements

The user account you use to log into Resolver must have Administrator permission to use the Dashboard Data Set Builder.

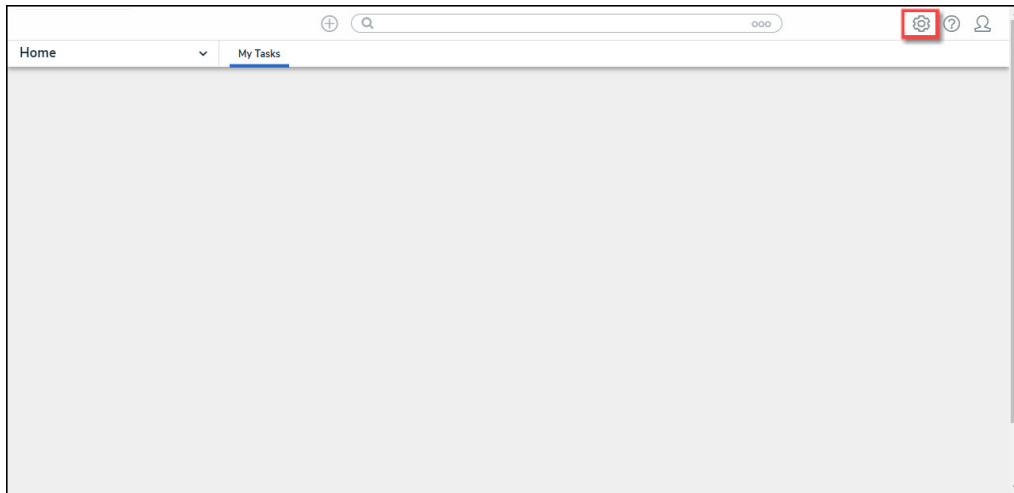
Related Information/Setup

Please see the corresponding article below for Information on Adding a Table/Group Table to a Dashboard.

- [Adding a Table/Group Table to a Dashboard](#)

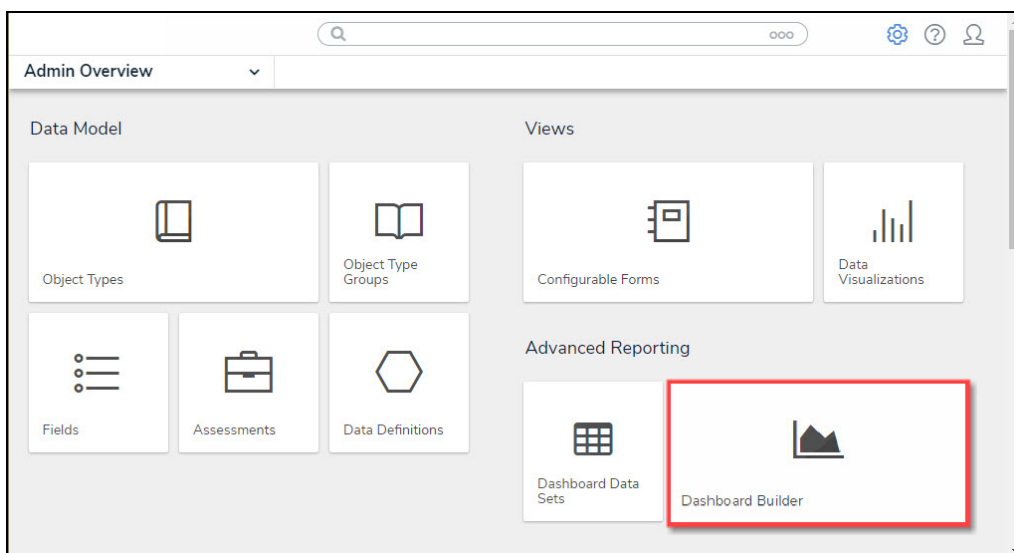
Navigation

1. From the **Home** screen, click on the **System** icon.



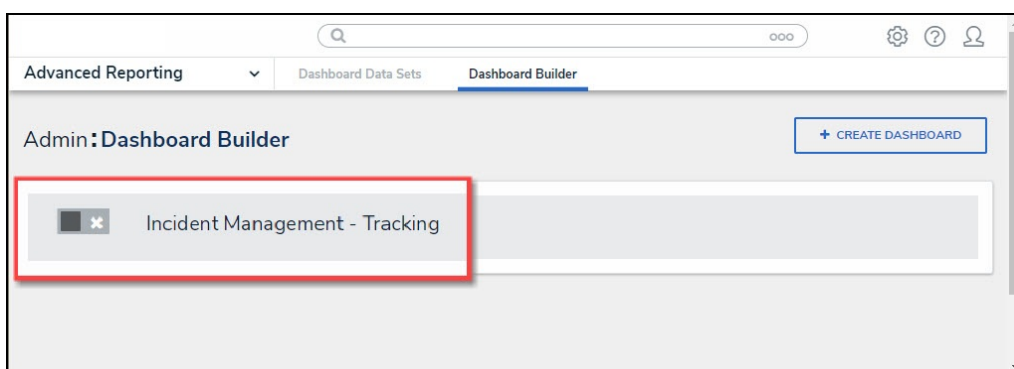
System Icon

- From the **Admin Overview** screen, click on the **Dashboard Builder** tile under the **Advanced Reporting** section.



Dashboard Data Sets Tile

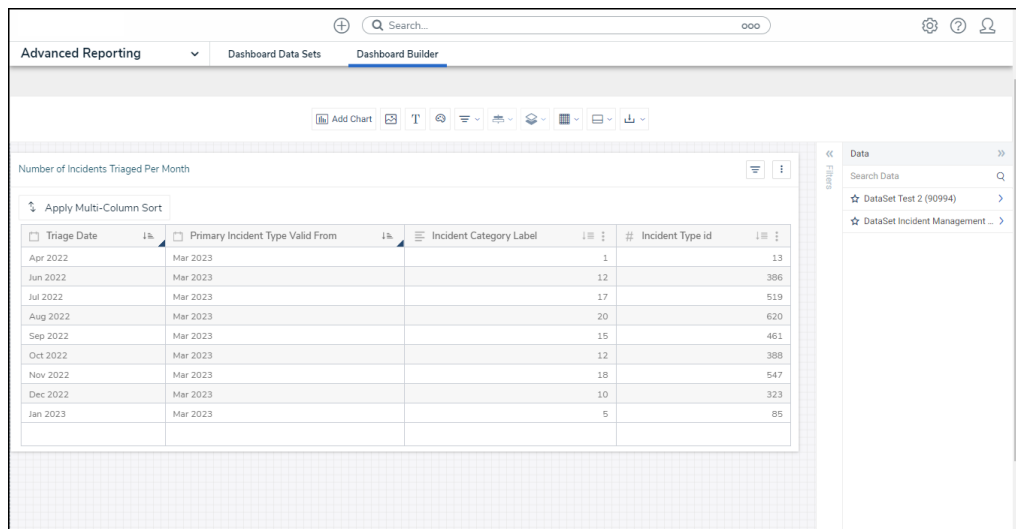
- From the **Dashboard Builder** screen, click on a **Dashboard Name**.



Dashboard Name

Adding Multi-Column Sort to a Table

1. From the **Dashboard** screen, find an existing Group Table on the Dashboard.



Advanced Reporting | Dashboard Data Sets | **Dashboard Builder**

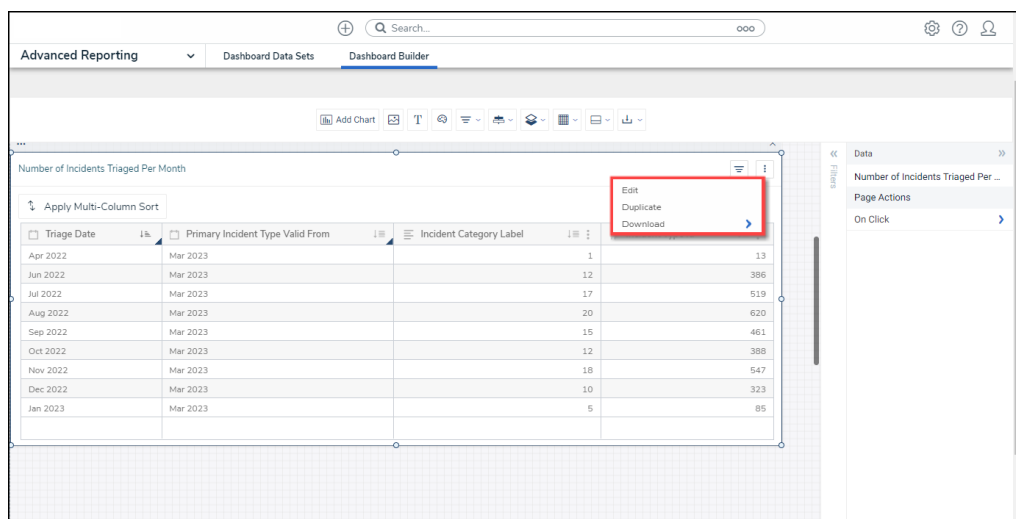
Number of Incidents Triaged Per Month

Apply Multi-Column Sort

Triage Date	Primary Incident Type Valid From	Incident Category Label	Incident Type id
Apr 2022	Mar 2023		13
Jun 2022	Mar 2023		386
Jul 2022	Mar 2023		519
Aug 2022	Mar 2023		620
Sep 2022	Mar 2023		461
Oct 2022	Mar 2023		388
Nov 2022	Mar 2023		547
Dec 2022	Mar 2023		323
Jan 2023	Mar 2023		85

Group Table View

2. Click the **More Options** icon on the Group Table View and select **Edit** from the dropdown menu.



Advanced Reporting | Dashboard Data Sets | **Dashboard Builder**

Number of Incidents Triaged Per Month

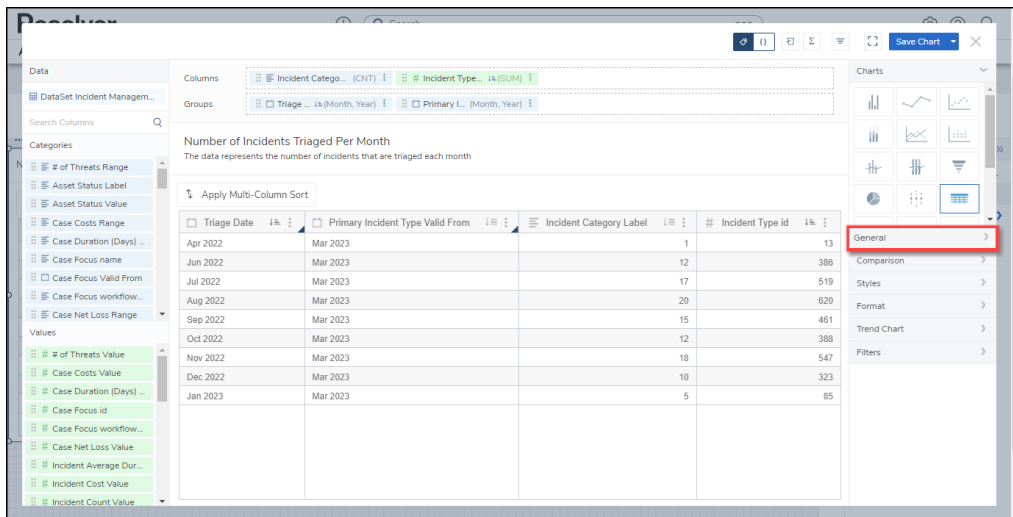
Apply Multi-Column Sort

Triage Date	Primary Incident Type Valid From	Incident Category Label	Incident Type id
Apr 2022	Mar 2023		13
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Oct 2022	Mar 2023		388
Nov 2022	Mar 2023		547
Dec 2022	Mar 2023		323
Jan 2023	Mar 2023		85

More Options: Edit, Duplicate, Download

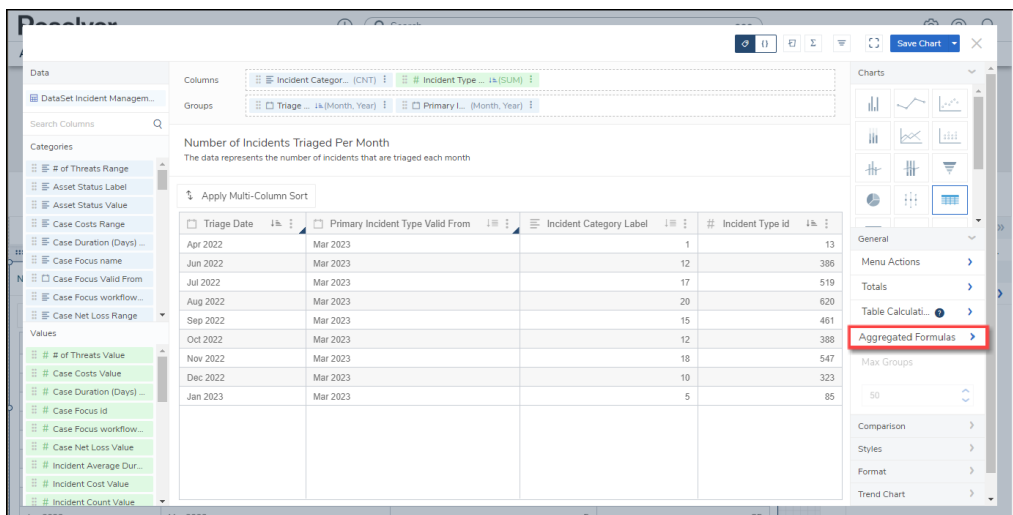
Edit

3. From the **Chart** screen, select the **General** panel from the **Configuration** panel.



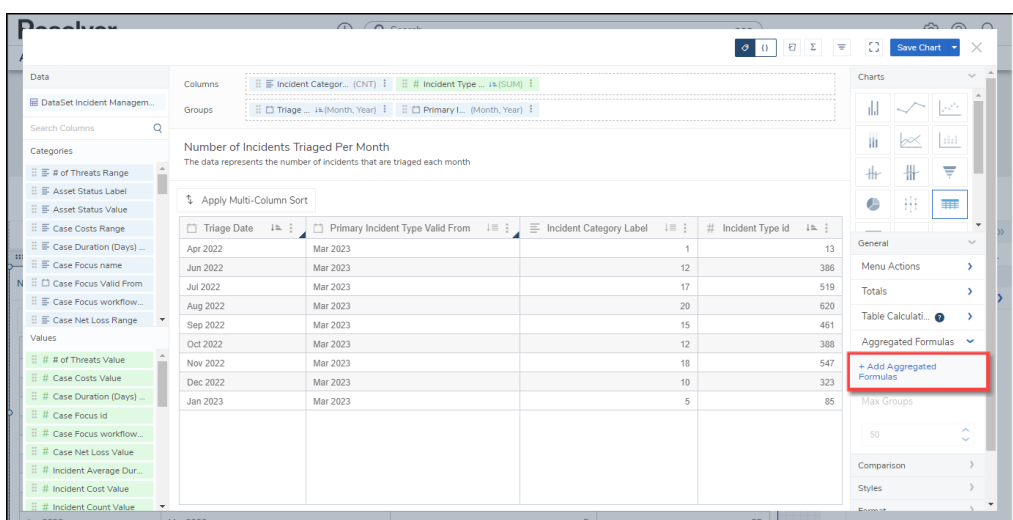
General Panel

- Click the **Aggregated Formula** panel.



Aggregated Formula Panel

- Click the **+Add Aggregated Formulas** link.



+Add Aggregated Formulas Link

6. The **Create Table Formula** screen will appear.

Create Table Formula Screen

7. Enter a name in the **Formula Name** field.

Formula Name

8. Select **Numeric** from the **Included Functions** dropdown menu to include only numeric functions within the Insert Function field.

Create Table Formula

Formula Name
Column Difference

Formula
Allows mathematical operations including +, -, *, /, (). Dates and numbers must be entered in en-US format.

Test Clear

All
All
Numeric

isNull
abs
acos
asin
atan
atan2

replacement value.
Parameters
• column: Column to check.
• replacement: Replacement value.
Example
isNull(column, replacement)
Add to Formula

Insert Columns
Search
Incident Category Label (CNT) String
Incident Type id (SUM) Numeric

Cancel Save

Included Functions Dropdown

9. Create a Formula by either:

- Manually entering a formula in the **Formula** field.

Create Table Formula

Formula Name
Column Difference

Formula
Allows mathematical operations including +, -, *, /, (). Dates and numbers must be entered in en-US format.

[Incident Type id (SUM)]/[Incident Category Label (CNT)]

Test Clear

All

Insert Functions
Search
isNull
abs
acos
asin
atan
atan2
No Function Selected
Add to Formula

Insert Columns
Search
Incident Category Label (CNT) String
Incident Type id (SUM) Numeric

Cancel Save

Manually Entering a Formula

- Select a function in the **Insert Function** menu by clicking on a function and viewing

the Functions definition and required parameters in the **Review** field.

- Click the **Add to Formula** link in the **Review** field to add the function to the **Formula** field.

Create Table Formula

Formula Name
Column Difference

Formula
Allows mathematical operations including +, -, *, /, (). Dates and numbers must be entered in en-US format.

Test Clear

All

Insert Functions

Search

isNull
Replaces NULL with the specified replacement value.
Parameters
• column: Column to check.
• replacement: Replacement value.
Example
isNull(column, replacement)
Add to Formula

Insert Columns

Search

Incident Category Label (CNT) String
Incident Type id (SUM) Numeric

Cancel Save

Add to Formula Link

- You can insert a Table Column into your Formula by clicking a Column on the Insert Columns field.

Create Table Formula

Formula Name
Column Difference

Formula
Allows mathematical operations including +, -, *, /, (). Dates and numbers must be entered in en-US format.

Test Clear

All

Insert Functions

Search

isNull
Replaces NULL with the specified replacement value.
Parameters
• column: Column to check.
• replacement: Replacement value.
Example
isNull(column, replacement)
Add to Formula

Insert Columns

Search

Incident Category Label (CNT) String
Incident Type id (SUM) Numeric

Cancel Save

Insert Column Field

- When you have entered a Formula in the **Formula** field, click the **Test** link to make sure that the Formula is Valid. A system-generated message will appear, indicating whether the Formula is valid.

Create Table Formula

Formula Name
Column Difference

Formula
Allows mathematical operations including +, -, *, /, (). Dates and numbers must be entered in en-US format.
[Incident Type id (SUM)]/[Incident Category Label (CNT)]

✓ Formula syntax is correct. **Test** Clear

All

Insert Functions

Search	
isNull	Replaces NULL with the specified replacement value. Parameters • column: Column to check. • replacement: Replacement value. Example isNull(column, replacement)
abs	
acos	
asin	
atan	
atan2	

Insert Columns

Search	
Incident Category Label (CNT)	String
Incident Type id (SUM)	Numeric

Cancel Save

Test Link

- If the Formula is not valid, adjust the Formula and click the **Test** link until you receive the valid Formula message.
- Click the **Clear** link to delete the entire Formula from the **Formula** field.

Create Table Formula

Formula Name

Column Difference

Formula

Allows mathematical operations including +, -, *, /, (). Dates and numbers must be entered in en-US format.

isNull()[Incident Type id (SUM)]

Formula syntax error, please check your formula and retry.

TestClear

All

Insert Functions

Search

isNull
Replaces NULL with the specified replacement value.
Parameters

- column: Column to check.
- replacement: Replacement value.

Example

isNull(column, replacement)

Add to Formula

Insert Columns

Search

Incident Category Label (CNT)
Incident Type id (SUM)

Cancel

Save

Clear Link

13. Click the **Save** button to add the Formula to the Table.

<

Create Table Formula

>

Formula Name

Column Difference

Formula

Allows mathematical operations including +, -, *, /, (). Dates and numbers must be entered in en-US format.

`[Incident Type id (SUM)]/[Incident Category Label (CNT)]`

✓

Formula syntax is correct.

TestClear

All

Insert Functions

Search

isNull

Replaces NULL with the specified replacement value.

Parameters

- column: Column to check.
- replacement: Replacement value.

Example

`isNull(column, replacement)`

Add to Formula

Insert Columns

Search

Incident Category Label (CNT)String

Incident Type id (SUM)Numeric

Save Button