

FlowCentral Technologies

Studio User Guide

# Charts DataSources

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# 1. Revision History

VERSION	DESCRIPTION	REVISED BY	DATE
1.0	- Initial Draft	Ayomide Sowande	01-10-2024

## 2. Purpose

The purpose of this user guide is to explain in detail how to use chart data-sources tool in the FlowCentral Studio.

## 3. Chart Data-Sources

Chart Data-sources is a tool on the FlowCentral platform that allows developers to get data for populating a chart.

### 3.1 Creating a New Chart Data-Source

This section highlights the step-by-step process involved in creating a new chart data-source  
To create a Chart Data-source;

**1. Expand Chart Data-sources**

On the side bar that displays the studio components, click on chart data-sources to expand chart data-sources. A list of actions is displayed allowing the user to either create a new chart data-source or select an existing one.

**2. Click on New Chart Data-source**

On clicking this menu, the system opens a blank form that allows users to enter necessary information to create a chart data-source

**3. Fill the form:**

This form allows the user to configure a chart data-source. It contains mandatory fields that cannot be left blank

Figure 3.1 Chart Data-sources

- **Name:** This field allows the user to specify a name for the Chart Data-source
- **Description:** A brief description of the Chart Data-source
- **Type:** This field allows the user to specify the data-source.
- **Entity:** This field allows the user to select the entity that backs the data-source.
- **Preferred Category Field:** This field allows the user to select a preferred category field.
- **Date Series Type:** This field allows the user to select a period for data aggregation in the system

*Note: Any field with the red asterisk \* is a mandatory field. This means that the field is required to be filled before the form can be saved.*

**4. Click on Save:**

After filling the form, the next step is to save the form.

*Note: The form above is a parent form, that is, more forms will be generated after saving this form.*

## 4. Child Tabs.

These are additional forms for required data that are displayed after the parent form has been filled and saved.

There are three tabs in this section;

### 4.1 Series

This field allows the user to configure the series defined at entity level.

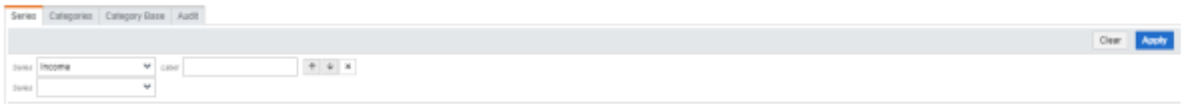


Figure 4.1 Series

The drop-down button allows the user to add more entities

The arrow button allows the user to rearrange the labels in a preferred order.

The x button allows the user to close one or more label tabs.

Click on Apply to apply the new conditions

### 4.2 Categories

This field allows the user to configure the grouping of the series data. The user can add more tabs by clicking on the drop-down menu.

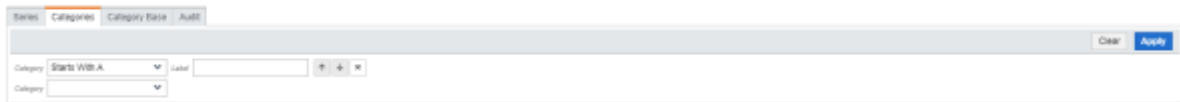


Figure 4.2 Categories

### 4.3 Category Base

**Category Base:** This field allows the user to define more conditions to restrict data pooling from the data-source.

1. Use the AND/OR options to set add and customize preferred conditions
2. Click on apply to complete the process.



Figure 4.3 Category base