


Focuses & Data Series

Last Modified on 02/21/2025 10:11 am EST

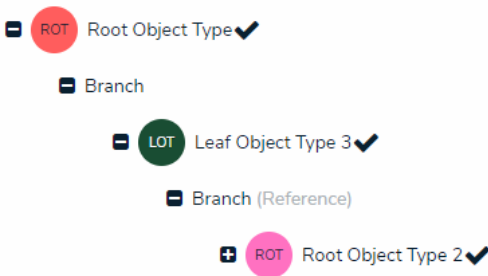
Data visualizations rely on two types of [data definitions](#): focuses and data series.

A **focus** is a data definition that broadly specifies which object type's data will be displayed in a data visualization. A data definition cannot be focus eligible if more than one unique object types on the same level have been selected. More specifically, when creating a focus eligible definition, you can only select one unique leaf (object type) per each branch in the data path tree. A definition can be focus eligible with multiple selections on one leaf **only** if those selections are for the same object type.

Admin: [Edit Data Definition](#)

REPORT FOCUS ELIGIBLE 


DEFINITION
This is for reference only, and cannot be modified



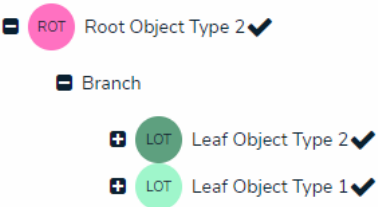
```
graph TD; ROT1((ROT Root Object Type ✓)) --- Branch1[Branch]; Branch1 --- LOT((LOT Leaf Object Type 3 ✓)); LOT --- Branch2[Branch Reference]; Branch2 --- ROT2((ROT Root Object Type 2 ✓))
```

A focus eligible data definition. This data definition is eligible because only one leaf (object type) has been selected per each branch on the data path.

Admin: [Edit Data Definition](#)

NOT REPORT FOCUS ELIGIBLE 

DEFINITION
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```
graph TD; ROT1((ROT Root Object Type 2 ✓)) --- Branch1[Branch]; Branch1 --- LOT1((LOT Leaf Object Type 2 ✓)); Branch1 --- LOT2((LOT Leaf Object Type 1 ✓))
```

A data definition that is not focus eligible because more than one leaf has been selected on a single branch in the data path, however, this definition may be used as a data series.



Because the structure of data definition resembles a tree, the anchor object type is also known as the root, the relationships and references on the anchor are the branches, and the object types within those relationships or references are the leaves on the branches.

When creating any new data visualization, you must select at least one existing focus eligible data definition. When creating a report or data grid, you must also select a **data series** definition for each report **element** or data grid you wish to display.

A **data series** is a sub-definition that's related to the focus definition. When adding a report or data grid element you must select a data series definition that will more specifically define which object type data the element will display. The definitions you can choose from are populated based on the object type(s) selected in your focus definition. For example, if you created a report using a focus that had the Location object type as the anchor and only object type in the data path, all definitions with Location selected in their data paths, either as the anchor or leaf, will appear as options when selecting a data series. Focus eligible definitions can also be selected as data series definitions.

EXAMPLE

You need to create a report that assesses the effectiveness of the risks and controls in place for each location within your company. To do this, you would first create a data definition, called "Location Only," with Location as the anchor and sole selected object type to be the report focus. You then create an additional definition with Location object type as the anchor and the Risk and Control object types (which are connected to Location through relationships) as the leaves, naming the definition "Risks & Controls." Now, when you create a report, you can select the Location Only definition as the Report Focus and when you add a table, chart, or heat map, you can drill down into either the Risk or Control object types by selecting the Risks & Controls definition as the data series for each report element.

The screenshot shows a web interface titled "Admin: Edit Data Definition". At the top, there is a header "RISKS & CONTROLS" with a pencil icon to its right. Below this is a section titled "DEFINITION" with a note: "This is for reference only, and cannot be modified". The definition is visualized as a tree structure:

- Location (purple circle with 'L') ✓
 - Risks
 - Risk (orange circle with 'R') ✓
 - Controls
 - Control (grey circle with 'C') ✓

The data path for a data series definition.

Admin : **Edit Report**

RISKS & CONTROLS BY LOCATION

Report focus: Location Only Anchor: Location Data: Location

[+ ADD ANOTHER REPORT FOCUS](#)

The Edit Report page showing the Location Only definition is selected as the report focus and the Location object type is both the anchor and

ADD PIE CHART ✕

Select a data series

Select a Data Definition ▾

- Risks & Controls
- Time Spent (Hrs)

The Select a data series dropdown menu that appears after adding a report element. The options in this menu are populated based on the report focus and its leaves, if any.

For more information on creating and viewing data definitions, see the [Data Definitions](#) section.



You can check if an object type is associated with data definitions on a report by going to **Administration > Object Types**, clicking the object type to open the **Edit Object Type** page then reviewing the **Related Data Definitions** section in the **Overview** tab.