

Get Started with Reports

Multidimensional Reports

Lab 2.4

15 minutes

Lab objectives

In this lab, you use Multidimensional report visualizations to display multiple attributes in a single table or graph.

A. Bubble Chart

In this section, you present all closed incidents by priority as a Bubble chart.

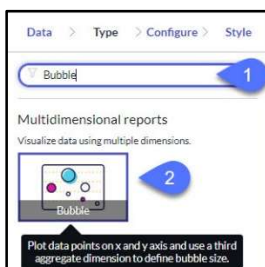
1. Navigate to **Reports > Create New**.
2. While on the **Data** tab, define the report as shown:

Report name: **Incidents by Category, Priority, and State**

Source type: **Table**

Table: **Incident [incident]**

3. Click **Next** or select the **Type** tab to open the **Type** section.
4. Type **Bubble** in the **Filter the visualizations** text box and select **Bubble** type.



5. Click **Next** or select the **Configure** tab to open **Configure** section.

6. Complete the **configuration** as specified below:

Group by: **Category**

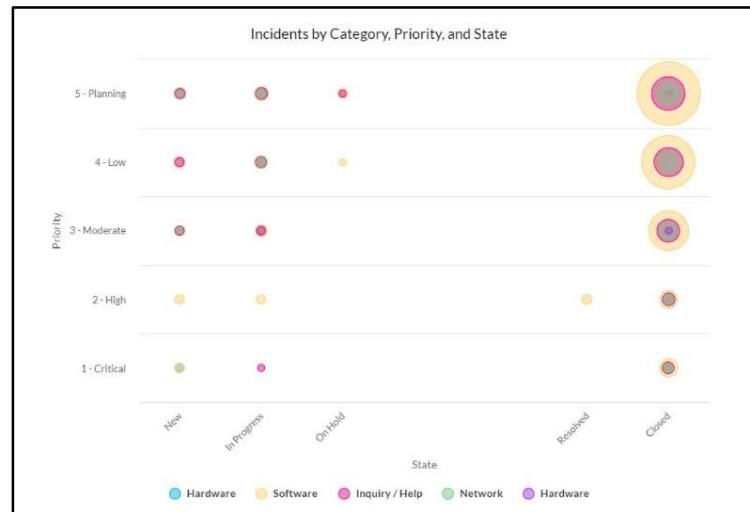
Row: **Priority**

Column: **State**

7. Click **Run** to preview your report.

8. Focus on the 3 largest bubbles and answer the questions below:

- What determines the bubble size?
- What determines the bubble colors?
- How many closed incidents with **Planning** priority are there? How do they break down by category?



9. **Save** the report.

B. Heatmap Report

In this section, you summarize incidents counts by Category and Priority.

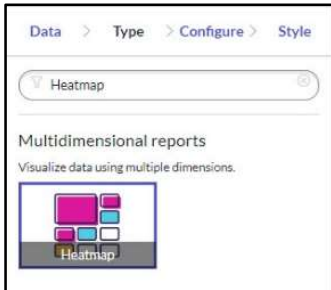
- Navigate to **Reports > Create New**.
- While on the **Data** tab, define the report as shown:

Report name: **Incident Counts by Category and Priority**

Source type: **Table**

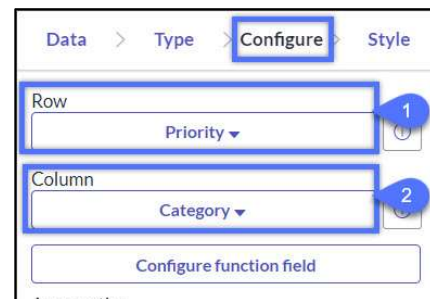
Table: **Incident [incident]**

- Click **Next** or select the **Type** tab to open the **Type** section.
- Type **Heatmap** in the **Filter the visualizations** text box and select the **Heatmap** type.



- Click **Next** or select the **Configure** tab to open **Configure** section.
- Complete the **Configure** tab as shown below:

Row: **Priority**
Column: **Category**



- Click **Run** to preview your report and answer the questions below:
 - How many **Software** records have **5-Planning** priority?
 - How many **Hardware** records are in **3-Moderate** priority?
 - What does the intensity of the color represent?



- Save** the report.

C. Multilevel Pivot Tables

In this section, you analyze Active and Inactive incidents by Priority and Impact.

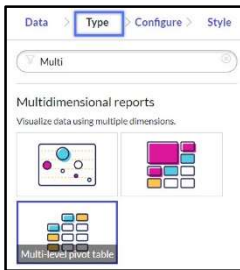
1. Navigate to **Reports > Create New**.
2. While on the **Data** tab, define the report as shown:

Report name: **Incidents by Priority and Impact**

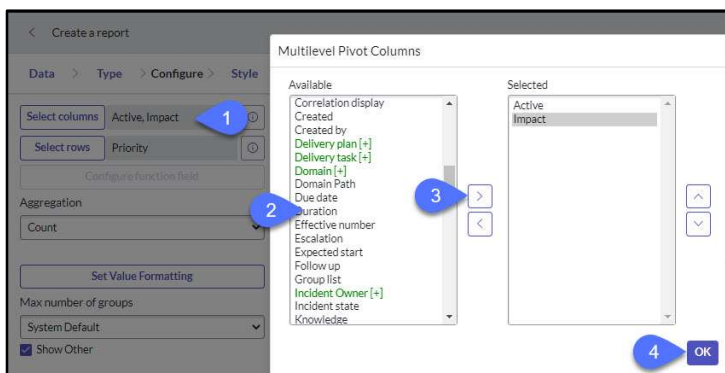
Source type: **Table**

Table: **Incident [incident]**

3. Click **Next** or select the **Type** tab to open the **Type** section.
4. Type **Multi-level** in the **Filter the visualizations** text box and select the **Multi-level pivot table**.



5. Click **Next** or select the **Configure** tab to open **Configure** section.
6. Click the **Select columns** button to select column attributes.
7. Move **Active** and **Impact** from **Available** to **Selected** and click **OK**.



8. Click the **Select rows** button to select the row attribute.

9. Add **Priority** from **Available** to **Selected** and click **OK**.

Note: Additional row columns can be selected.

10. Click **Run** to preview your report and answer the questions below:

- For Active Incidents, how many have **1-High** impact and **1-Critical** priority?
- For Inactive incidents, how many have **2-Medium** impact and **1-High** priority?

	Active	false			true			Count
	Impact	1 - High	2 - Medium	3 - Low	1 - High	2 - Medium	3 - Low	
Priority								
1 - Critical		104			6			110
2 - High		114	3		4			121
3 - Moderate			1,084	1	2	22		1,109
4 - Low			2,205			39	2	2,246
5 - Planning				3,229			69	3,298
Count		218	3,292	3,230	12	61	71	6,884

11. **Save** the report.

**Congratulations! You have completed the
Multidimensional Report lab.**