

# Building Charts with Survey Data

Alchemer Dashboard is currently waitlist only. [Visit this page](#) to learn more about Dashboard or join the waitlist!

This guide outlines how to create charts and tables for different question types using the search bar and response formulas.

## Basic Pre-visualization Steps

1. In Alchemer Survey,

- Build your Questions
- (Recommended) [Add a question alias](#)
- Collect responses

2. In Alchemer Dashboard,

- Make sure your survey is added as a Survey Source
- In the Chart Builder, select your survey model.

## Building Charts from Radio Button Questions

**Outcomes: Column chart, table, or donut chart**

1. Add Required Fields

In the search bar, add the following:

- `Response Distribution` (a formula that automatically counts the number of responses)
- `Question Label - Question ID` *or* `Question Text - Question ID`

You can either type these directly into the search bar or select them from the list on the left. Then click **Go**.

2. Default Display

A column chart will appear automatically for radio button questions. These questions display in the format:

- `Question Label - Question ID` *or*
- `Question Text - Question ID`

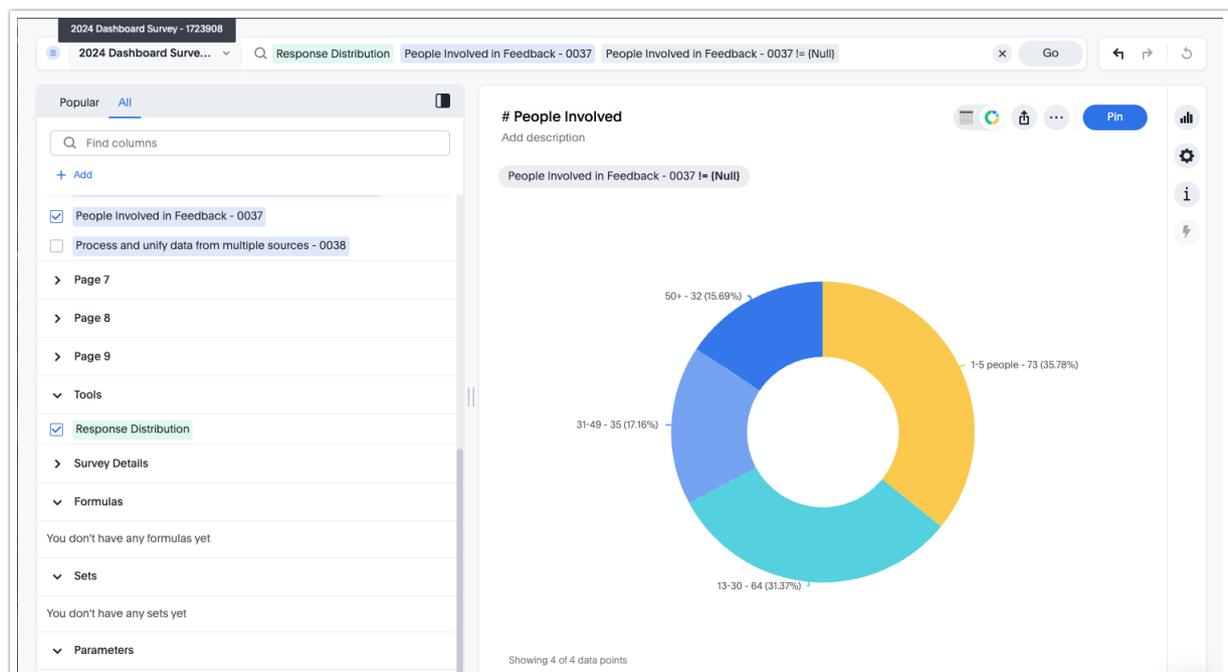
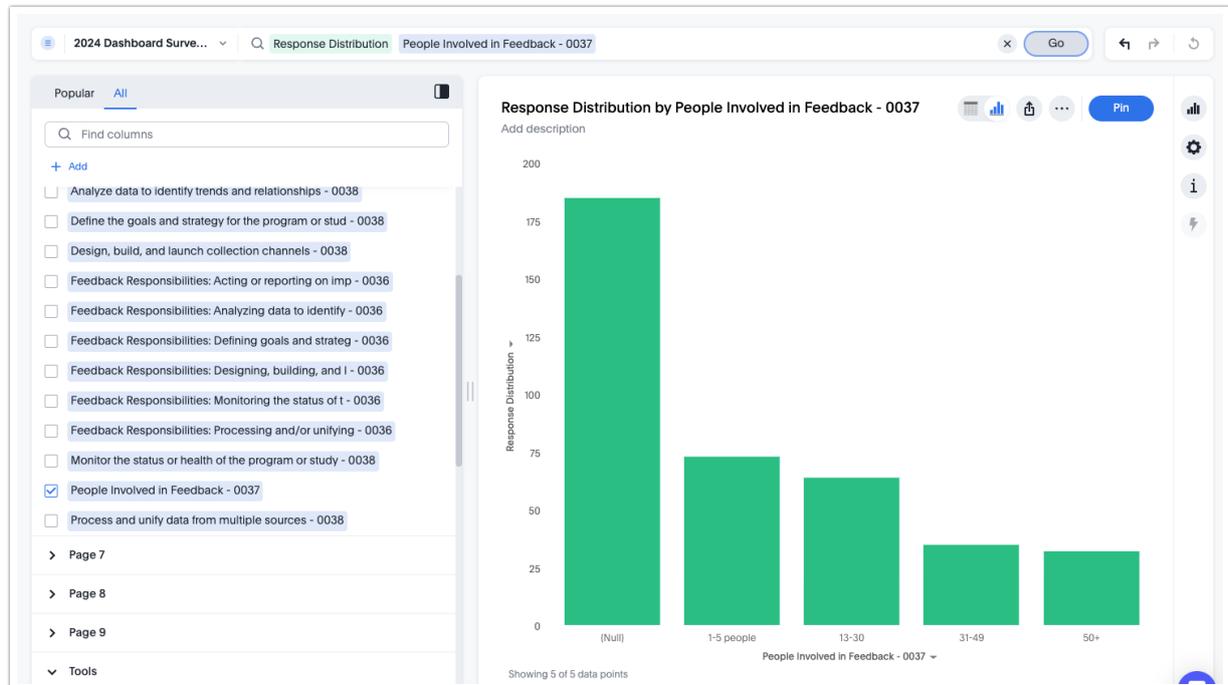
3. Options

- Click **View as Table** to switch to a table format
- Change the chart type to a **Donut Chart**
- To remove null values, add this to the search bar:  
`Question Label - Question ID != {Null}` and press **Go**

## 4. Customize the Chart

- Edit the Title, Description, and Axis Labels as needed

## Examples



## Building Charts for Checkbox Questions

## Outcomes: Column chart or table

### 1. Add Required Fields

In the search bar, add the following:

- Survey Name
- count Question Label: Answer Option 1 - Question ID
- count Question Label: Answer Option 2 - Question ID

*(Add each answer option individually using the "count" prefix.)*

You can type these into the search bar or select them from the list on the left. Then click Go.

### 2. Explanation

- Each checkbox answer option appears as a separate field in the data model.
- You must add every option manually to the search bar.
- Prefix each answer option with **"count"** to count the number of responses.
- Survey Name is used as a grouping attribute and can be removed later.

### 3. Default Display

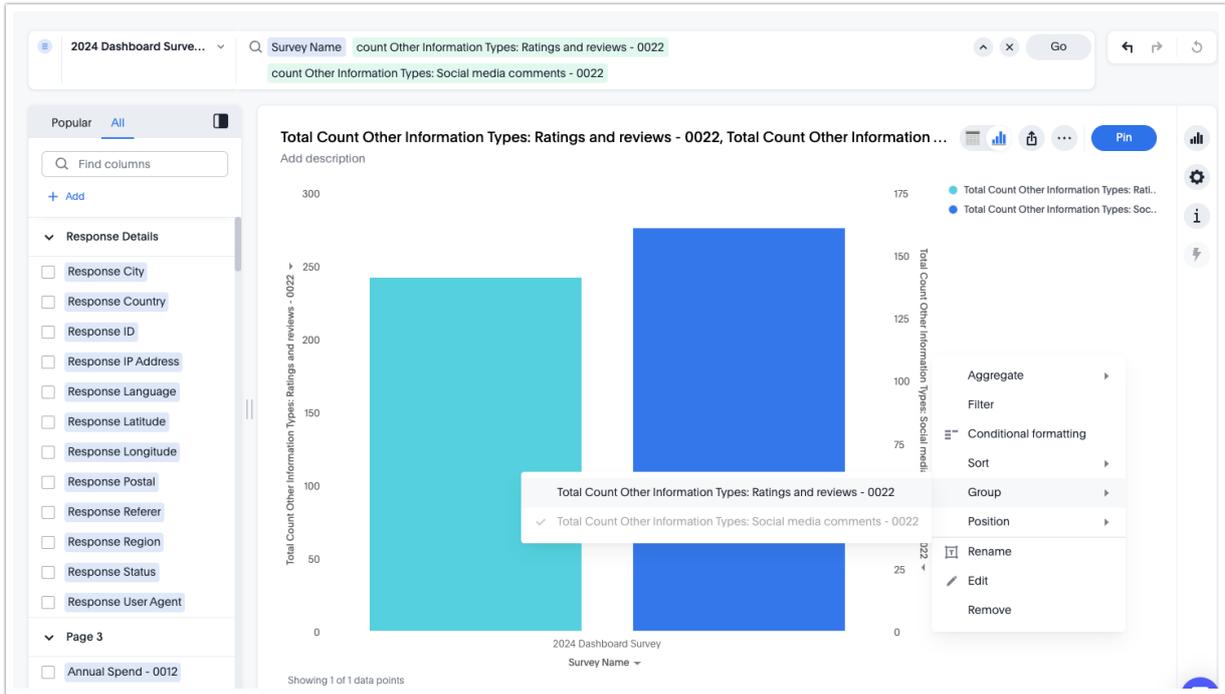
A column chart will appear automatically.

### 4. Chart Options:

- **View as Table**  
Switch to table view if preferred.
- **Group Y-Axes**  
Click on a y-axis, select **Group > {Name of another y-axis}** to group data.
- **Edit Y-Axis Titles and Position**  
Adjust position and update titles as needed.
- **Hide X-Axis**  
Go to:  
Edit Chart > X-axis (pencil icon) > Advanced Settings > Axis Settings > Show/Hide Axis and Show/Hide Axis Name .
- **Customize Chart**  
Update Title, Description, and other formatting options.

[For for information on editing charts, see these documents.](#)

## Examples



count Other

Total C

Add des

300

250

200

150

100

50

0

# Responses

### Advanced settings

Axis settings

Labels

Ticks

Show/Hide axis

Axis name

Show/Hide axis name

Color

Size

- Bold
- Underline
- Italic

Cancel

Apply



# Building Charts for Dropdown Menu Questions

**Outcome: Column Chart, Table, or Donut Chart**

## 1. Add Required Fields

In the search bar, include:

- `Response Distribution` (a formula that automatically counts the number of responses)
- `Question Label - Question ID` *or* `Question Text - Question ID`

You can either type these directly into the search bar or select them from the list on the left. Then click **Go**.

## 2. Question Format

Dropdown Menu questions will display in the format:

- `Question Label - Question ID`
- *or* `Question Text - Question ID`

## 3. Default Display

A column chart will appear automatically.

## 4. Chart Options:

- **View as Table**  
Switch to a table view if preferred.
- **Change Chart Type**  
Switch from column chart to **Donut Chart**.
- **Remove Null Values**

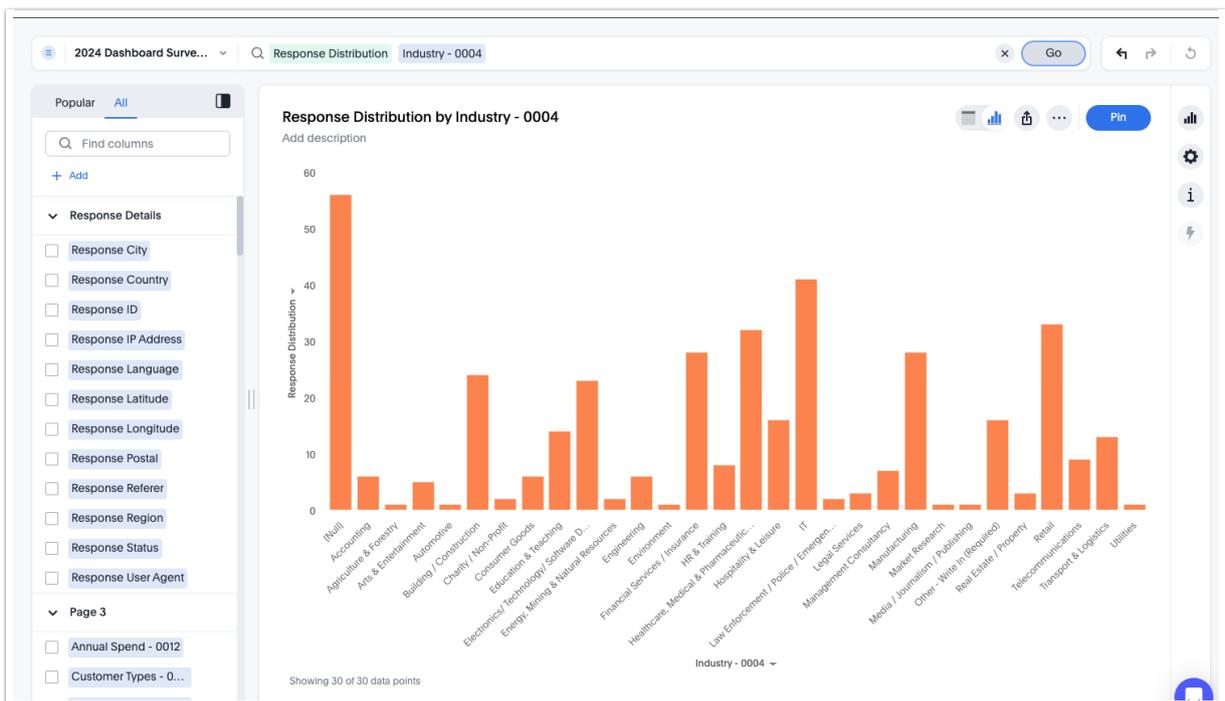
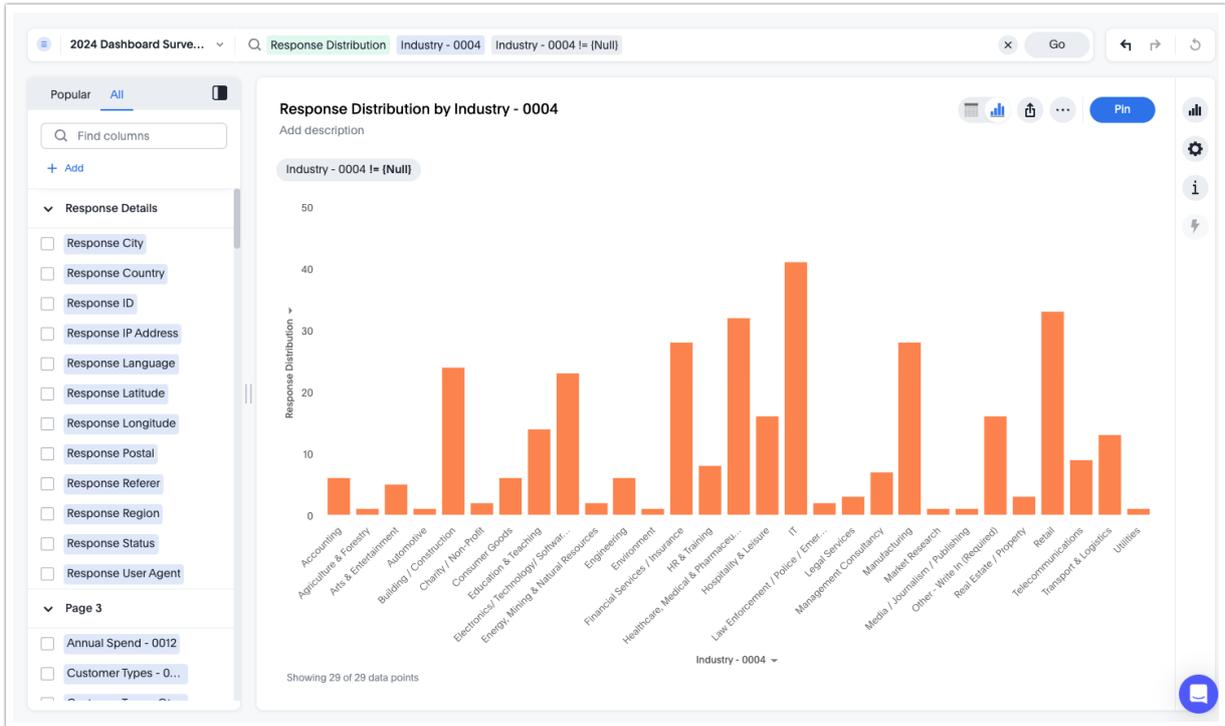
Add the following to the search bar and click Go:

Question Label - Question ID != {Null}

- **Customize the Chart**  
Edit the Title, Description, and Axis Labels as needed.

For information on editing charts, see these documents.

## Examples



# Building a Chart With Rating (Likert Scale) Questions

**Outcome: Column Chart, Table, or Donut Chart**

## 1. Add Required Fields

In the search bar, enter:

- `Response Distribution` (a formula that automatically counts the number of responses)
- `Question Label - Question ID` *or* `Question Text - Question ID`

You can type these directly into the search bar or select them from the list on the left. Then click **Go**.

## 2. Question Format

Rating (Likert Scale) questions will display in the format:

- `Question Label - Question ID`
- *or* `Question Text - Question ID`

## 2. Default Display

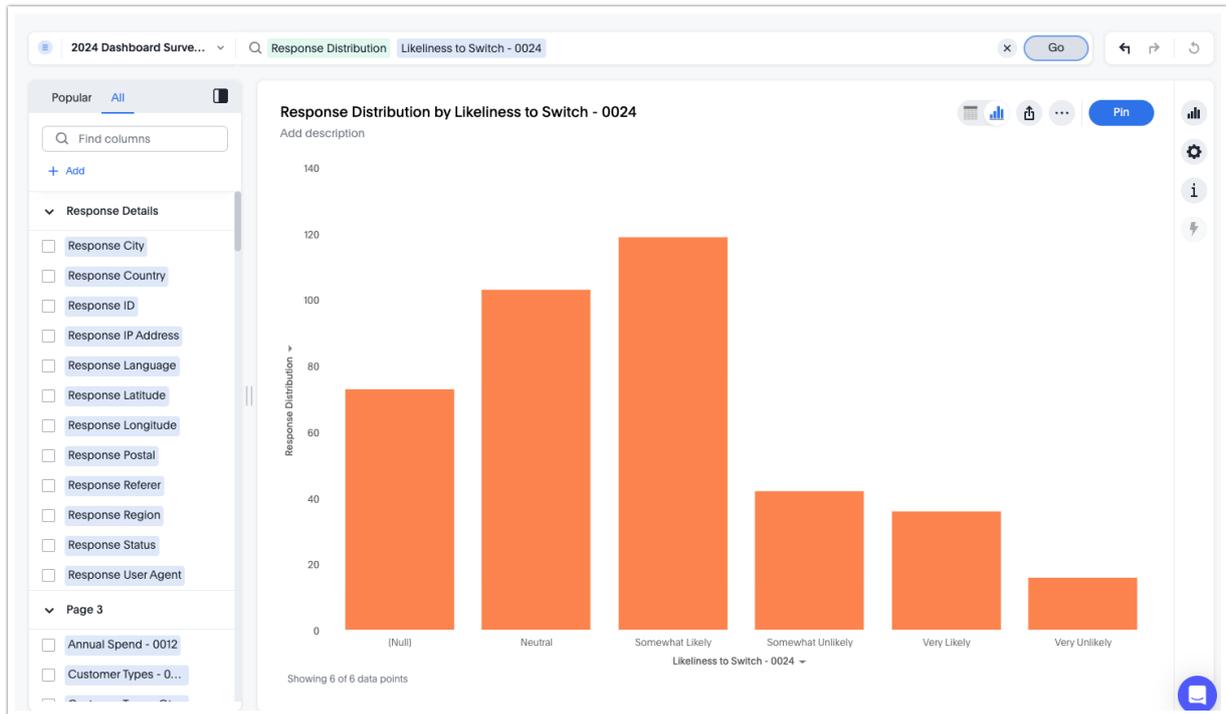
A column chart is generated automatically.

**Chart Options:**

- **View as Table**  
Switch to a table format if preferred.
- **Change Chart Type**  
Select **Donut Chart** for an alternative view.
- **Remove Null Values**  
Add this to the search bar and click **Go**:  
`Question Label - Question ID != {Null}`
- **Customize the Chart**  
Update the **Title**, **Description**, and **Axis Labels** as needed.

[For for information on editing charts, see these documents.](#)

## Examples



## Building a Chart With Radio Button Grid Questions

Outcome Options:

1. Table displaying all row headers
2. Column Chart or Pivot Table for individual row headers

### (1) To Display a Table of All Row Headers

Steps:

1. In the search bar, add the following:

- Response ID
- Each individual row from the grid in the format:  
Row Header 1 - Question ID , Row Header 2 - Question ID , etc.

You can type these manually or select them from the list on the left. Then click Go.

### 2. Explanation:

- Each row header in a Radio Button Grid question appears as a separate element in the data model.
- You must add each row option individually to the search bar.
- The Question Label or Question Title will not appear in the data model.

### 3. Example:

- **Question:** What is your size for the following articles of clothing?
- **Question Alias:** Sizes
- **Question ID:** 6
- **Column Headers:** XS, S, M, L, XL
- **Row Headers:** Sweater, Skirt
  - In the data model, these appear as:
  - 
  - 
  - Each field contains one of the column header values (XS–XL)

**Tip:** Use the **Question ID** at the end of each label to confirm the row belongs to the correct question.

**Note:** Adding **Response ID** allows you to see all row answers per respondent. A **table** will appear automatically.

### (2) To Chart a Single Row Header

#### Steps:

1. In the search bar, add:

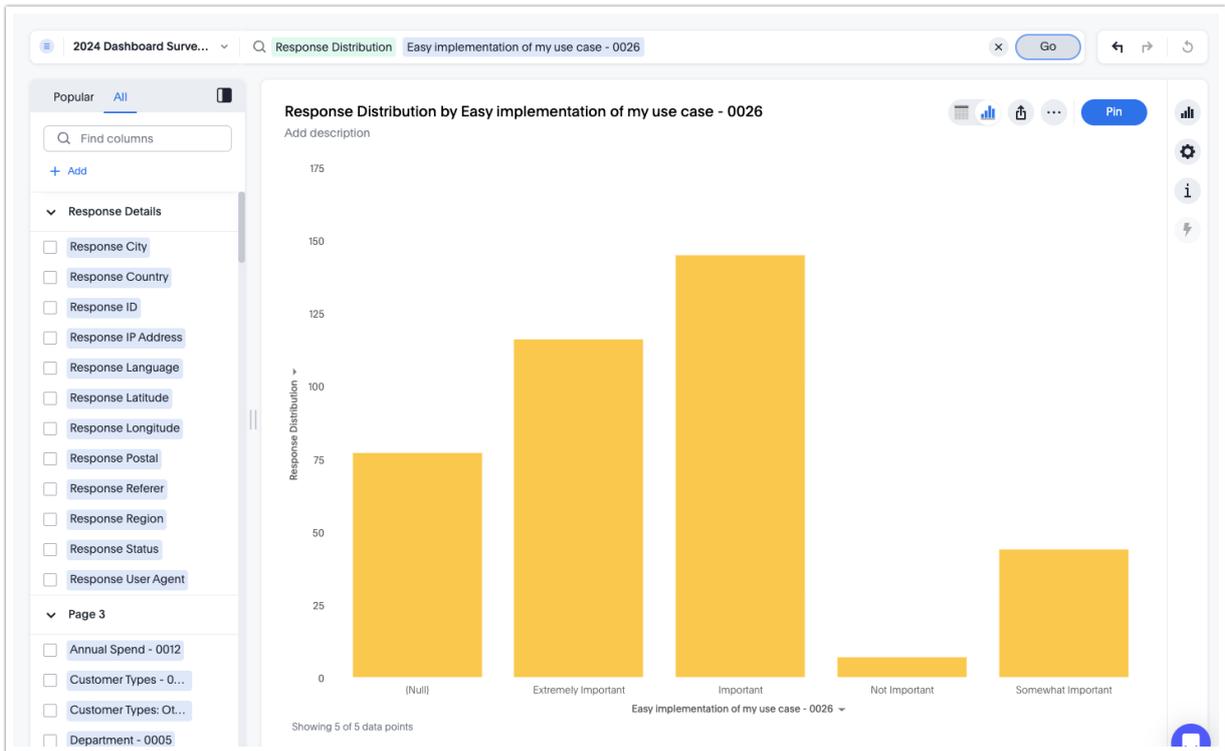
- 
- One row header from the question in the format:

2. Then click **Go**. A **column chart** will appear automatically.

#### Chart Options:

- **Exclude Null Values**  
Add:  to the search bar and click **Go**
- **Change Chart Type:**
  - To **Donut Chart**
  - To **Pivot Table**
- **Customize the Chart:**  
Edit **Title**, **Description**, and **Axes Labels** as needed

## Examples



2024 Dashboard Surve... | Response ID | Easy implementation of my use case - 0026 | Ability to immediately route or act on feedback - 0026

### Untitled

Add description

Response ID	Easy implementation of my use case - 0026	Ability to immediately route or act on feedback - 0026
5	Important	Somewhat Important
9	Important	Important
14	(Null)	(Null)
15	Extremely Important	Extremely Important
16	Somewhat Important	Somewhat Important
19	Important	Somewhat Important
22	Somewhat Important	Important
23	Important	Important
24	Important	Important
26	Important	Important
28	Important	Important
29	Important	Important
30	(Null)	(Null)
37	(Null)	(Null)
38	Important	Somewhat Important

Showing 389 of 389 rows

This guide outlines how to create charts and tables for different question types using the search bar and response formulas.

Related Articles