

# How to Create a Stacked Column Chart in Power BI: A Step-by-Step Guide

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## RECOMMENDED CITATION

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To create a Stacked Column Chart in Power BI, you can follow these steps:

1. Open Power BI and import your data into the data model.
2. Click on the "Insert" tab and select "Stacked Column Chart" from the "Visualizations" section.
3. Drag and drop the desired fields into the "Axis" and "Values" sections of the chart.
4. To add multiple stacks, drag and drop additional fields into the "Legend" section.
5. You can customize the chart by changing the colors, labels, and formatting options.

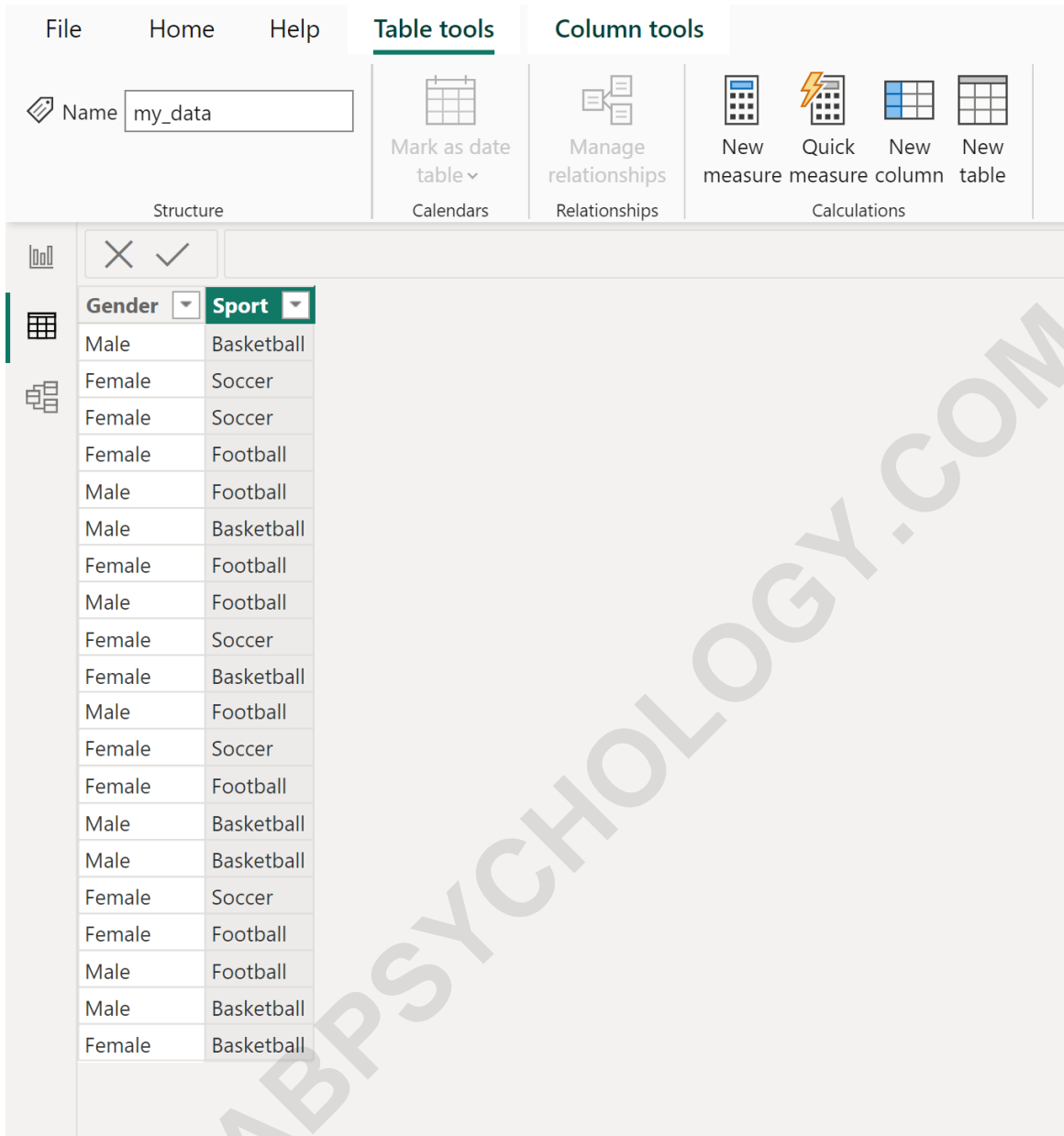
For example, if you have sales data for different product categories over a period of time, you can use a Stacked Column Chart to compare the total sales of each category and how they contribute to the overall sales trend. The chart will display a column for each category, with the height of each column representing the total sales for that category. The columns will be stacked on top of each other, making it easy to see the individual and overall sales trends.

A **stacked column chart** is a type of chart that uses bars divided into a number of sub-bars to visualize the values of multiple variables at once.

The following step-by-step example shows how to create a stacked bar chart in Power BI.

## Step 1: Load the Dataset

First, we will load the following dataset into Power BI that contains information about the gender and favorite sport of 20 individuals:

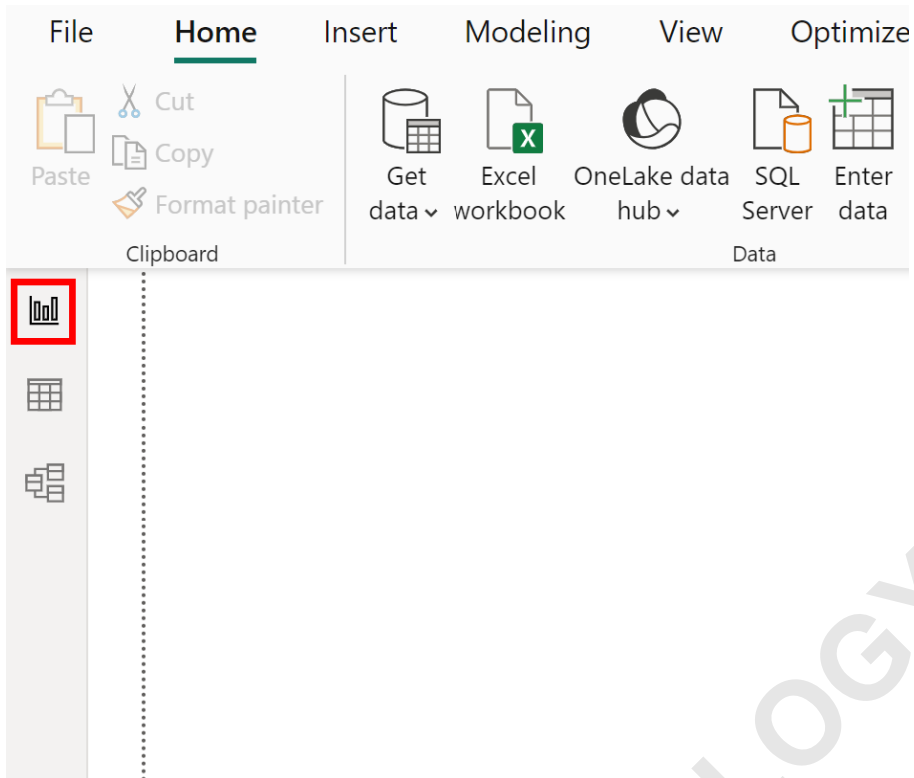


The screenshot displays the Microsoft Power BI interface. At the top, there are tabs for 'File', 'Home', 'Help', 'Table tools', and 'Column tools'. The 'Table tools' tab is active, showing options like 'Mark as date table', 'Calendars', 'Manage relationships', 'Relationships', 'New measure', 'Quick measure', 'New column', and 'New table'. Below the ribbon, the 'Structure' pane shows a table with two columns: 'Gender' and 'Sport'. The 'Sport' column is highlighted in green. The table contains 20 rows of data. A large watermark 'ARABPSYCHOLOGY.COM' is visible across the table.

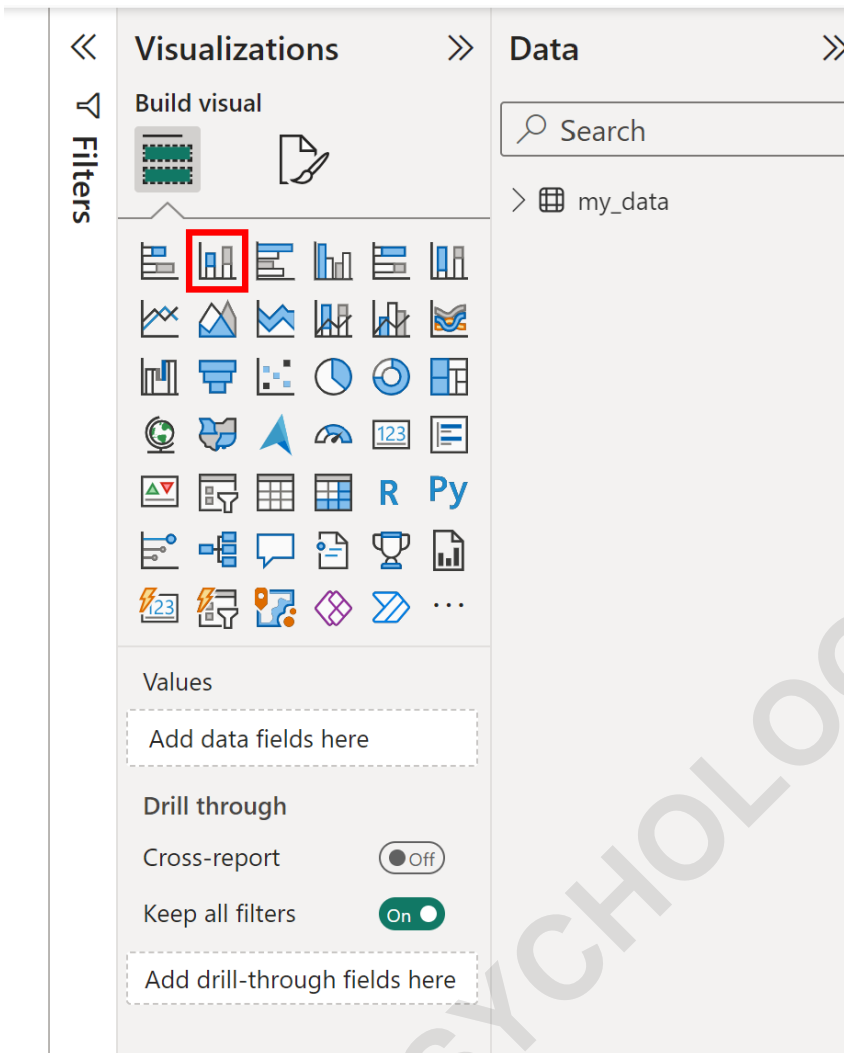
Gender	Sport
Male	Basketball
Female	Soccer
Female	Soccer
Female	Football
Male	Football
Male	Basketball
Female	Football
Male	Football
Female	Soccer
Female	Basketball
Male	Football
Female	Soccer
Female	Football
Male	Basketball
Male	Basketball
Female	Soccer
Female	Football
Male	Football
Male	Basketball
Female	Basketball

## Step 2: Insert the Stacked Column Chart

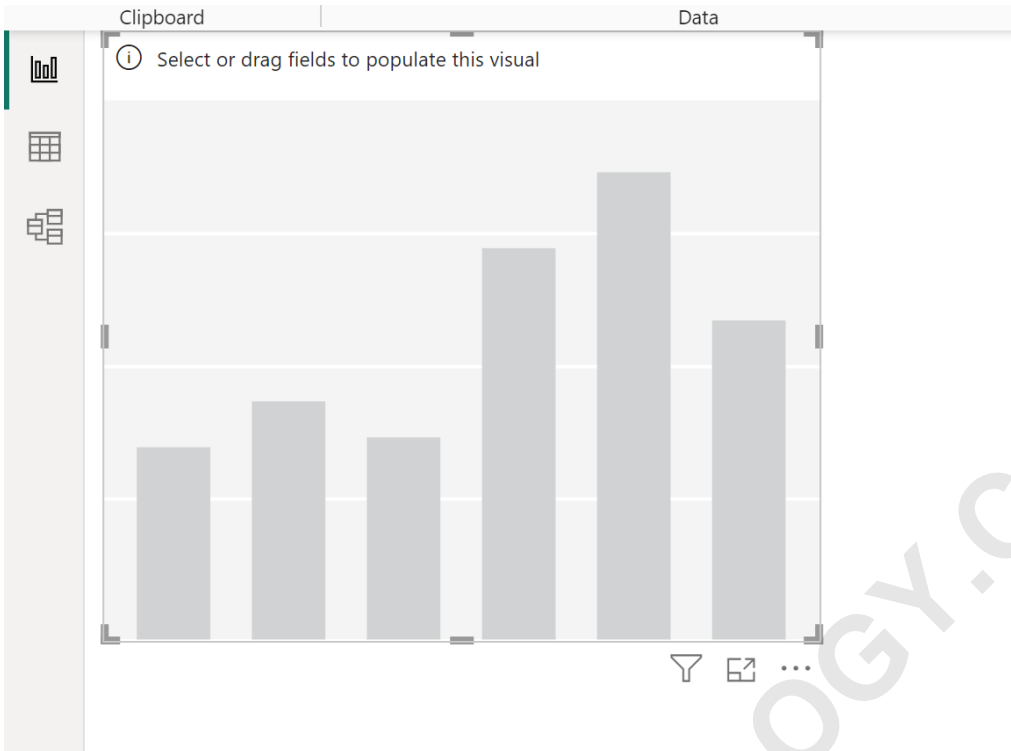
Next, click the **Report View** icon on the left hand side of the screen:



Then, on the right side of the screen under **Visualizations**, click the icon called **Stacked column chart**:

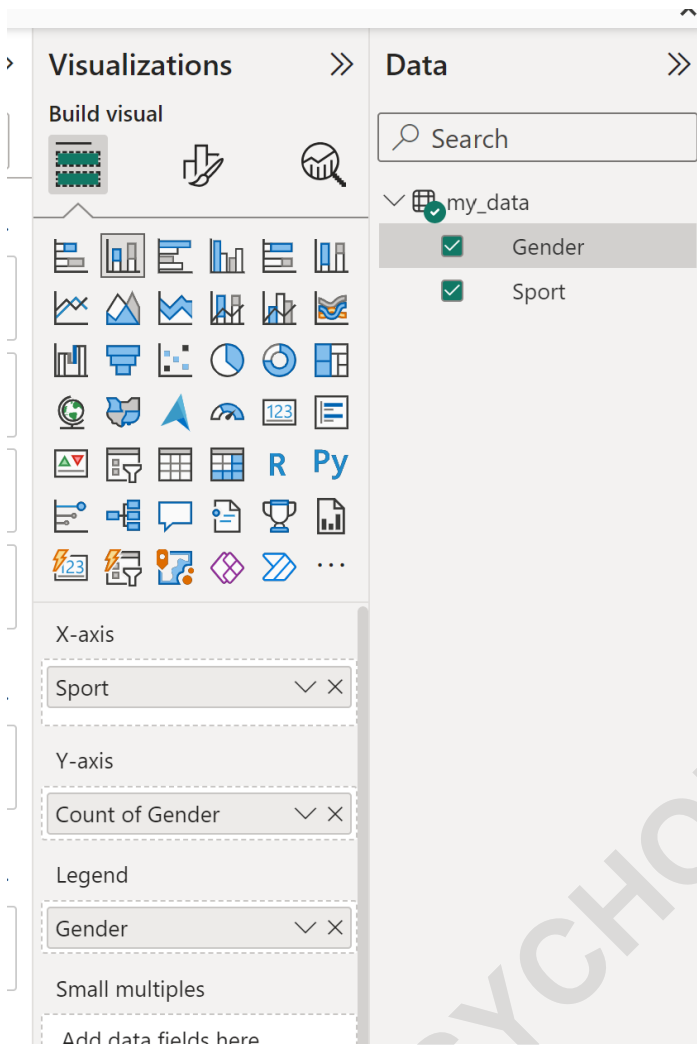


An empty stacked column chart will be inserted:

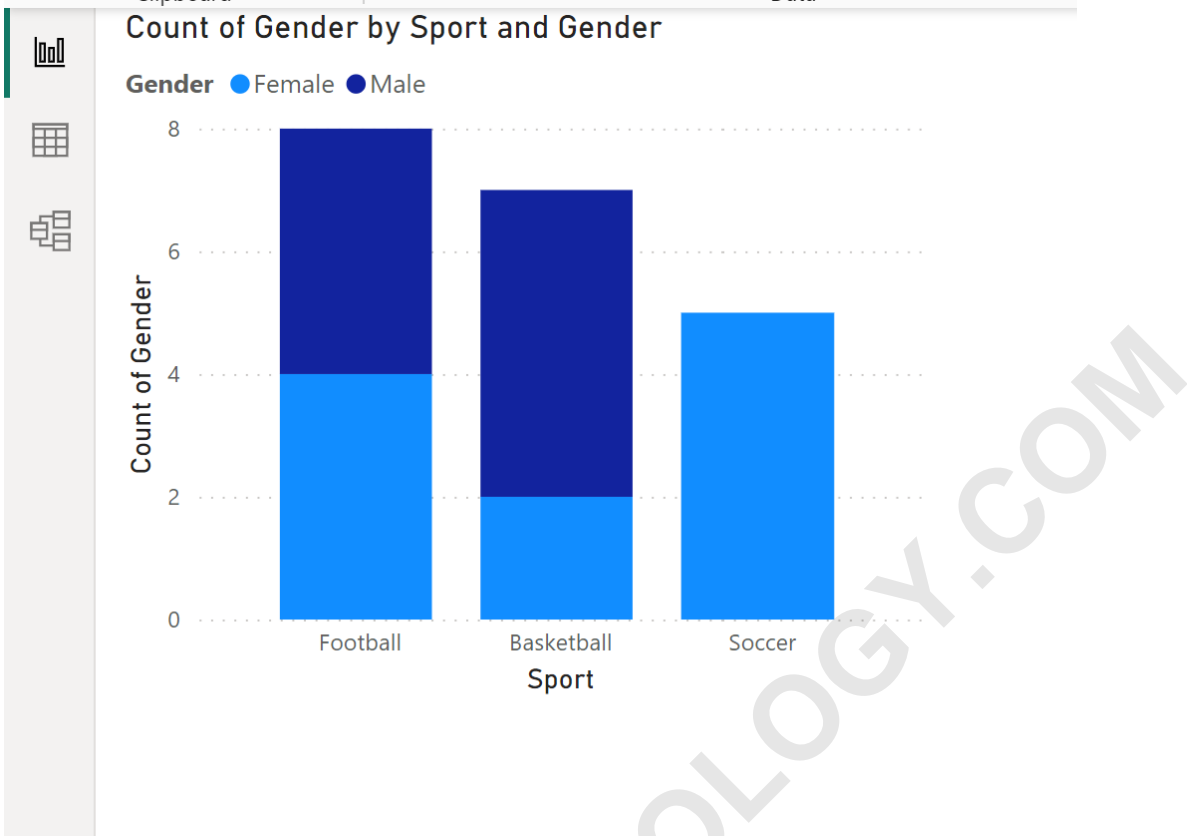


### Step 3: Populate the Chart

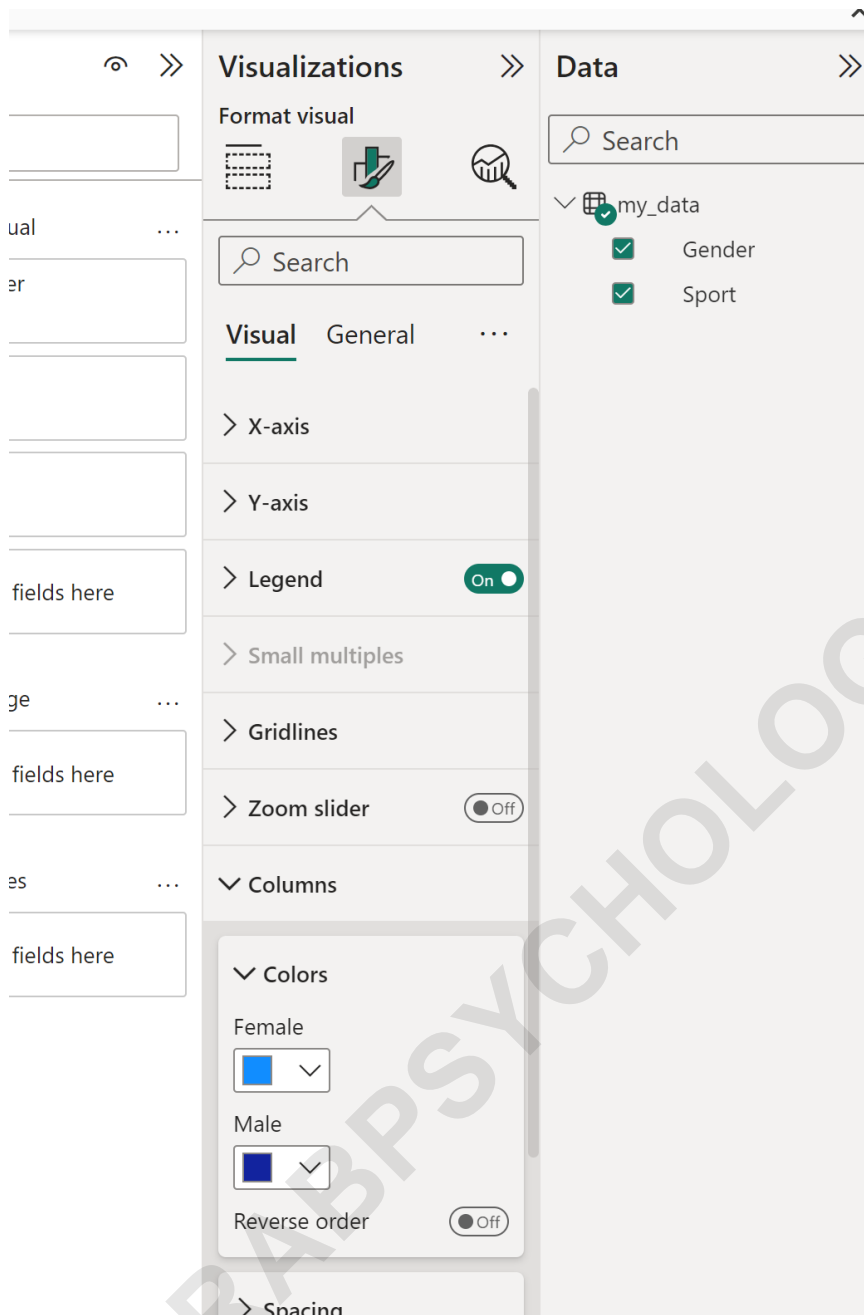
Next, drag the **Sport** variable under the **X-axis** label, then drag the **Gender** variable under the **Y-axis** label, then drag the **Gender** variable under the **Legend** label:



This will produce the following stacked column chart:



If you'd like, you can change the colors used in the chart by clicking the **Format visual** icon and then clicking the dropdown arrow next to **Columns**:



You can also customize the x-axis, y-axis, legend and other aspects of the chart by modifying the settings in the **Format visual** tab.

The following tutorials explain how to perform other common tasks in Power BI: