

Power BI – Create a Column Chart for Visualization

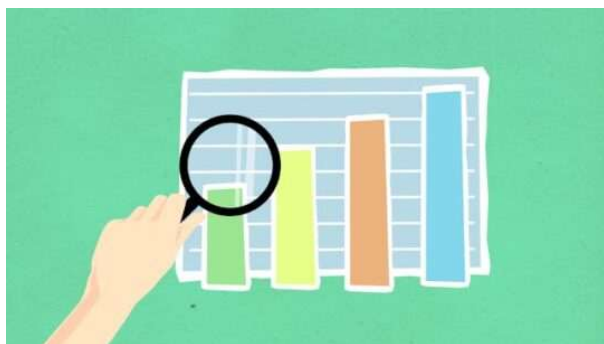
Power BI has various default data visualization components. Let us see what is a Column Chart and how to create a Gauge Chart.

What is a Column Chart

A **column chart** uses vertical bars to represent data. The height of each bar is proportional to the value it represents. It is also known as a **vertical bar chart**. For example, use it to show responses to survey questions.

Each category is represented by a vertical bar in a column chart. The horizontal axis i.e. the x-axis typically displays the categories, while the vertical axis i.e. the y-axis displays the values.

A basic column chart looks like the below image:



Types of Column Charts

The following are some of the types of column charts.

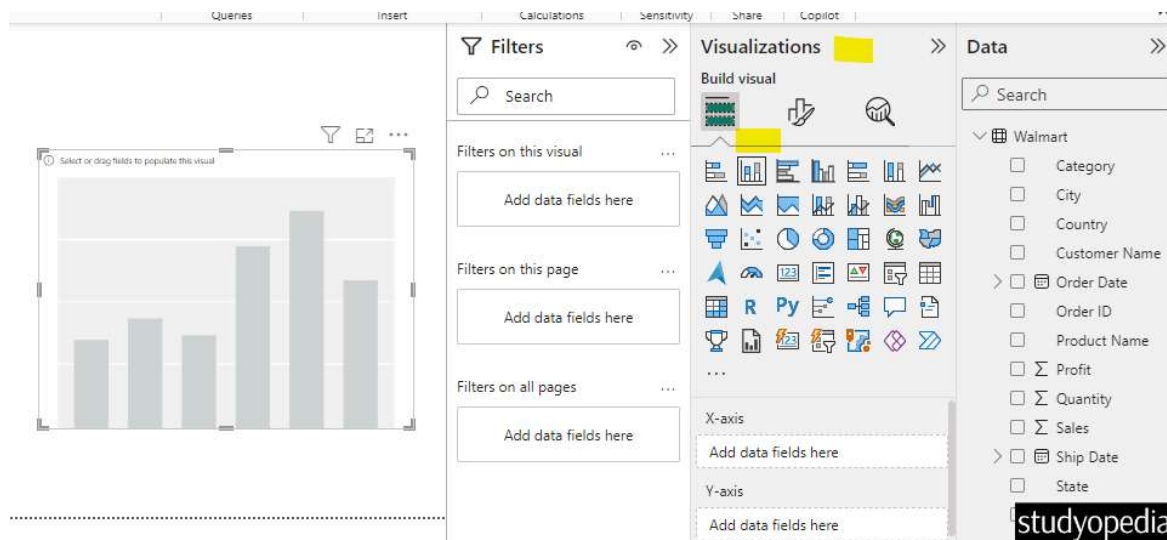
1. **Simple Column Chart:** Displays a single series of data. This is a basic column chart.
2. **Stacked Column Chart:** Displays multiple series stacked on top of each other.
3. **Clustered Column Chart:** Displays multiple series side-by-side.
4. **3D Column Chart:** Displays data in a three-dimensional format.
5. **Interactive Column Chart:** Allows users to hover, click, or drill down for

more
information.

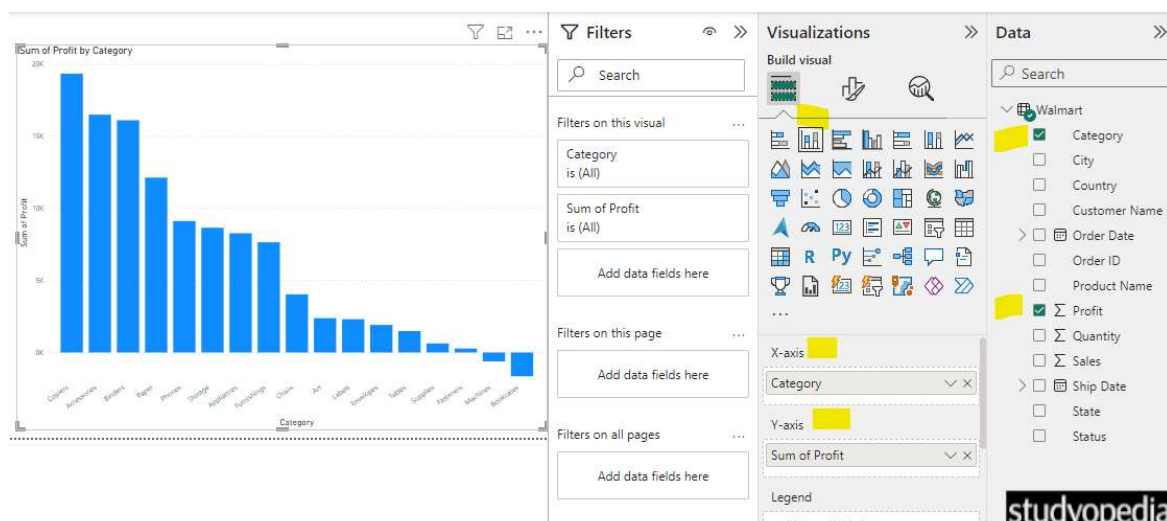
Create a Column Chart in Power BI

After opening Power BI and clicking **Blank Report** or opening your previous project, the Power BI layout will be visible. We will now create a basic column chart.

Go to the **Visualizations** pane on the right and click **Stacked Column Chart**. After clicking, the following is visible:

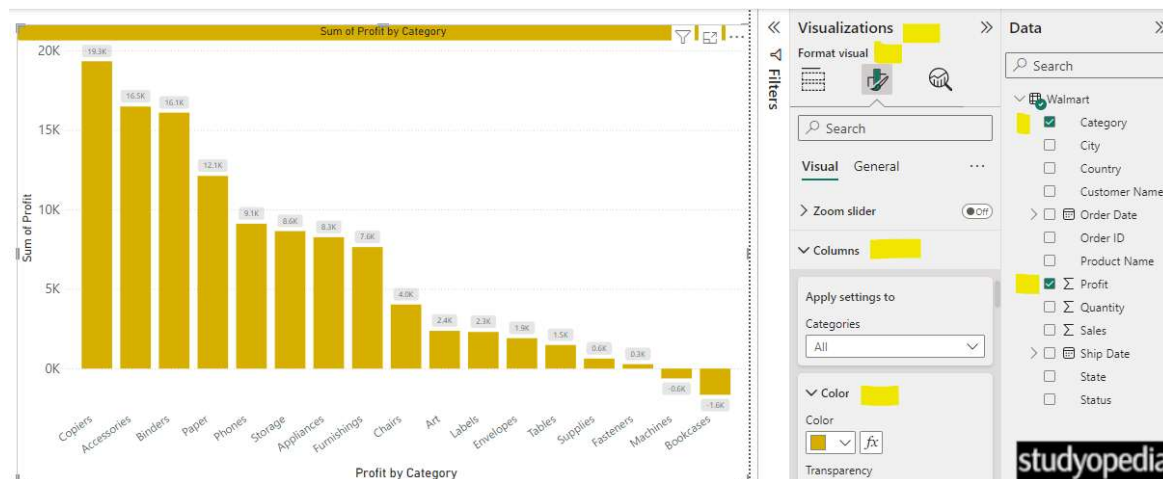


For the values, select the **Category** and **Sum of Profit** columns. Just select and it will automatically place the x-axis and y-axis. We have set the **Sum of Profit by Category**:



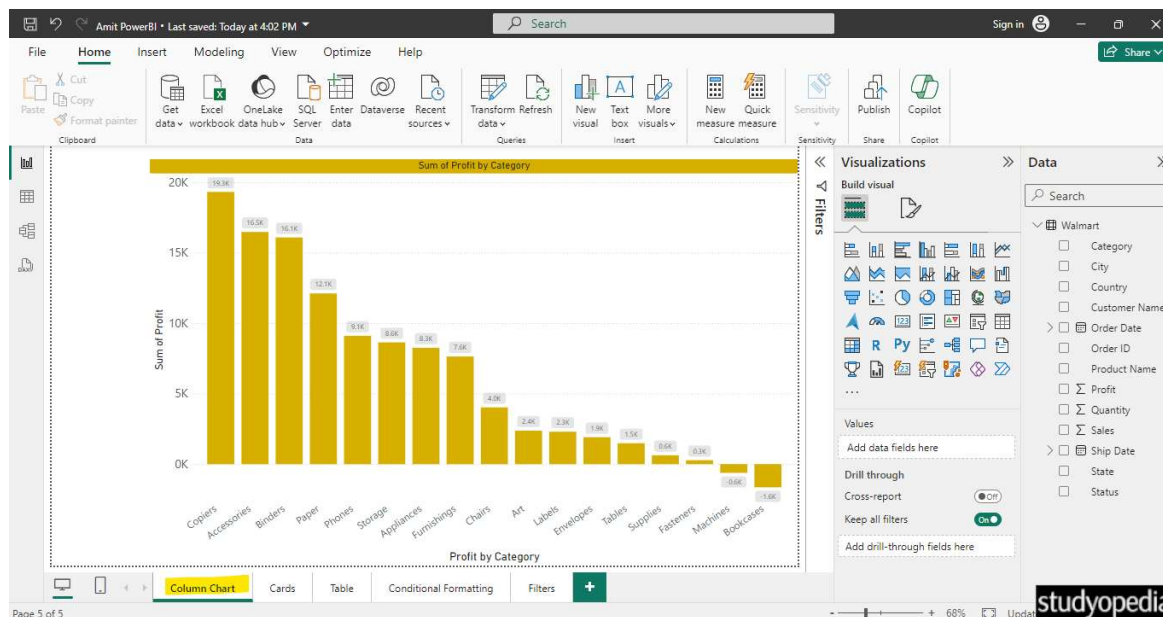
Format the Column Chart

Let us format the Column chart properly. To change the title, title position, title background color, increase the text size of the x and y axis, change the color, go to the **Visualizations** pane, and click **Format your visual**. We have changed the column color also:



Above, we have also set the data labels visible just above every bar.

We renamed the page to **Column Chart** and saved it with **Ctrl+S**:



Video Tutorial

If you don't want to follow written instructions, you can check out our video