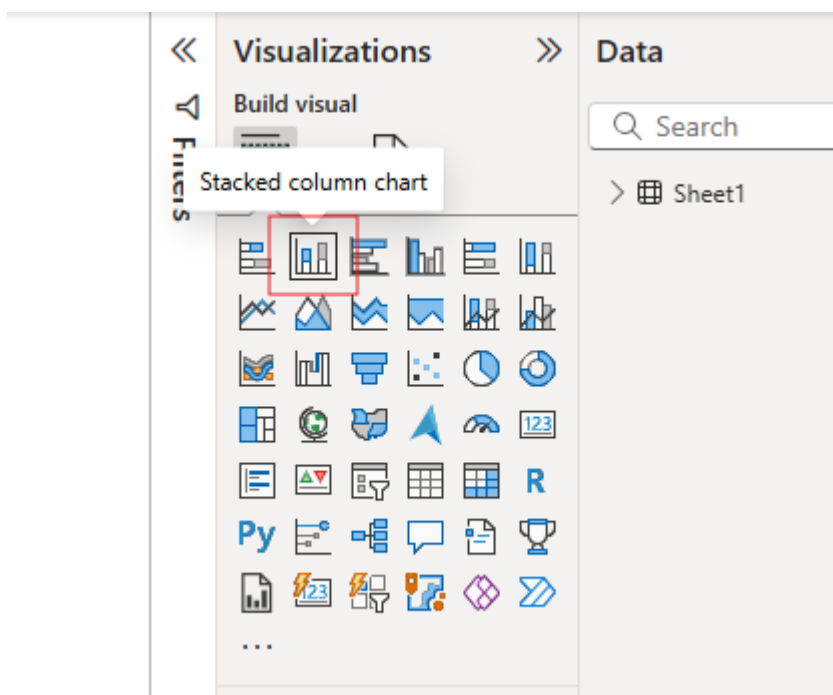# 📊 Column Charts in Power BI

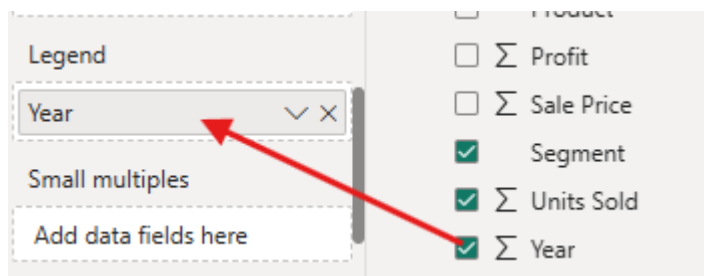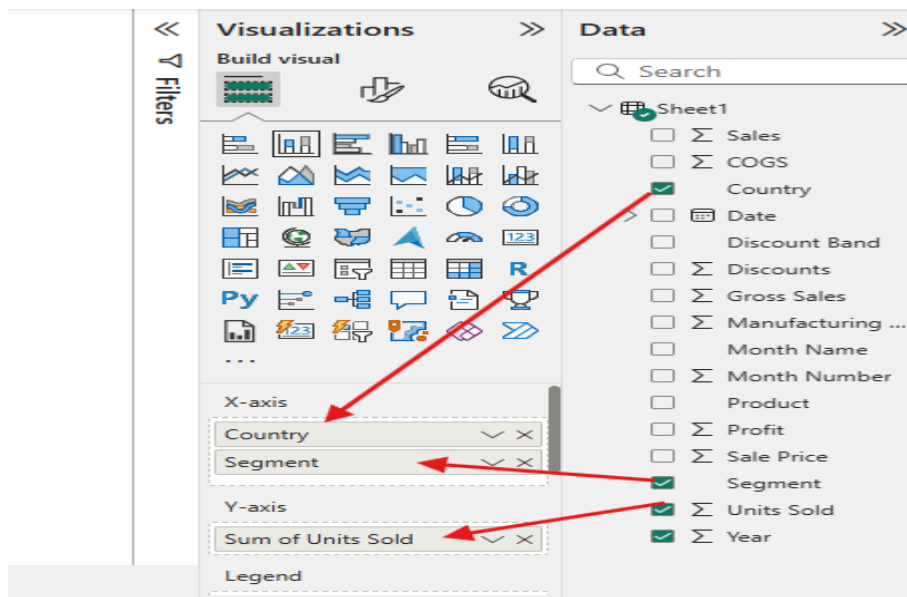## ☑ What is a Column Chart?

A column chart displays data using vertical bars, where the height of each bar represents the value of the data point. It's ideal for comparing values across categories.
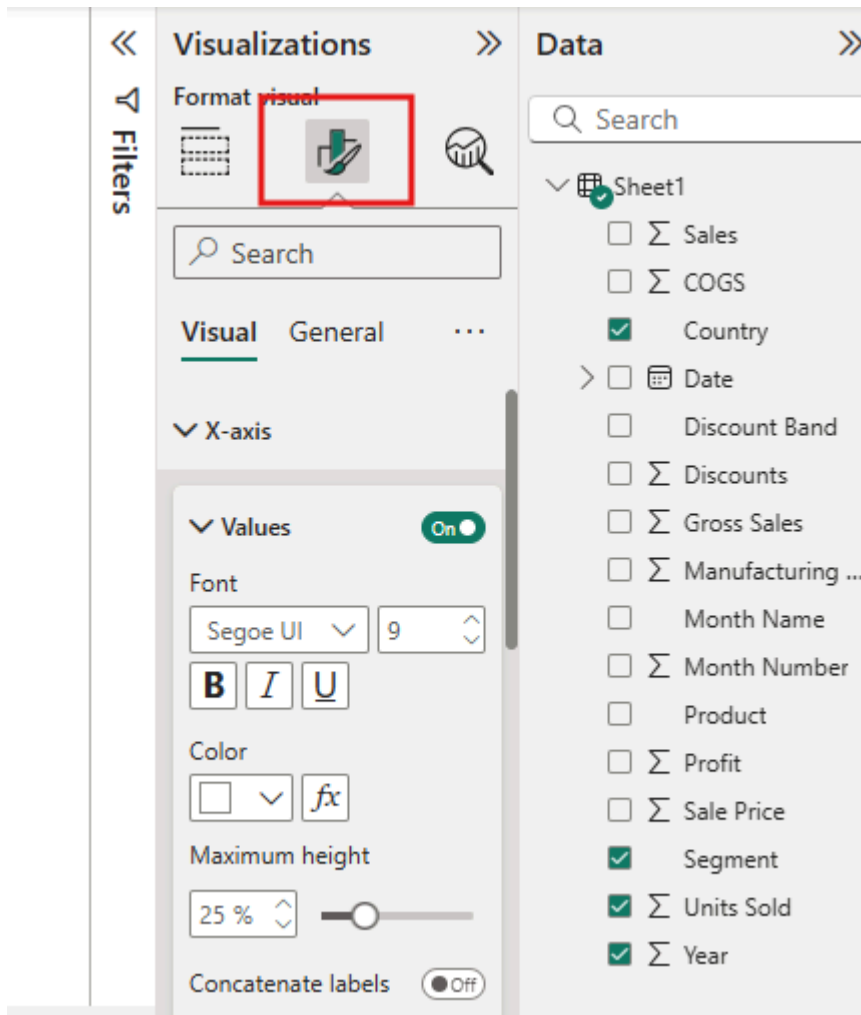
⚒ Creating a Column Chart in Power BI

Insert the Chart: In the Visualizations pane, click on the desired column chart icon.

Add Data: Drag a categorical eld (e.g., Country, Segment) to the Axis area and a numerical eld (e.g., Units sold) to the Values area.
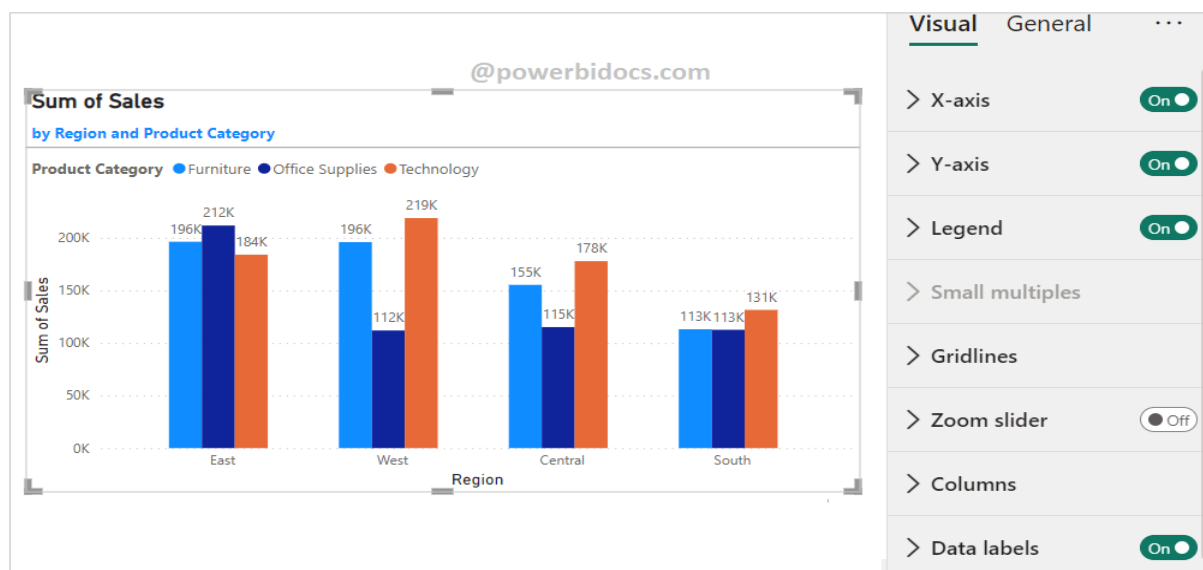
Format the Chart: Click on the Format icon to customize the chart's appearance, including colors, labels, and titles.

 Types of Column Charts

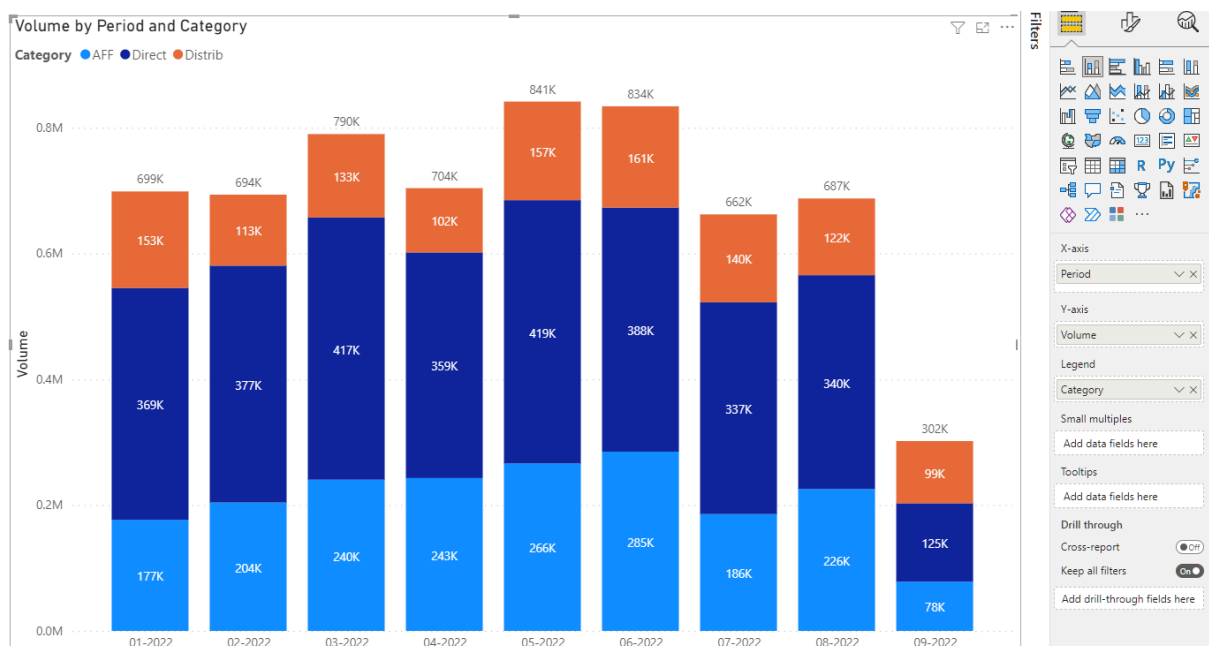**Clustered Column Chart**: Displays multiple series side by side for comparison across categories.

In this chart:

X-Axis: Represents categories, such as different regions.

Y-Axis: Displays numerical values, like sales gures.

Legend: Differentiates between product categories, allowing for side-by-side comparison within each region.

Stacked Column Chart: Shows the total of different series stacked vertically in a single column per category.

In this example:

X-Axis (Horizontal): Represents different categories, such as regions or time periods.

Y-Axis (Vertical): Shows the total value for each category.

Stacked Segments: Each bar is divided into segments representing sub-categories (e.g., product types). The height of each segment indicates its contribution to the total.

This chart allows you to:

Compare total values across categories.

Understand the composition of each total by sub-category.

📊 **Pie Charts in Power BI**

☑ What is a Pie Chart?

A Pie Chart in Power BI is a circular statistical graphic divided into slices to illustrate numerical proportions. Each slice represents a category's contribution to the whole.

🛠 How to Create a Pie Chart in Power BI

Insert the Chart: In the Visualizations pane, click on the Pie Chart icon.

Add Data Fields:

Legend: Drag a categorical eld (e.g., Product Category).

Values: Drag a numerical eld (e.g., Total Sales). Reddit

Customize the Chart:

Data Labels: Enable to show exact values or percentages on each slice.

Colors: Adjust slice colors for clarity.

Tooltips: Add additional elds to display more information on hover.