

1. Name three types of visuals you can create in Power BI.

You can create different visuals in Power BI.

Three common visuals are:

- Bar Chart – shows comparison between categories.
- Line Chart – shows changes or trends over time.
- Pie Chart – shows parts of a whole in percentage.

2. How do you add a slicer to a report?

To add a slicer:

- 1) Go to the Visualizations pane.
- 2) Click on the slicer icon (it looks like a filter).
- 3) Drag a field (like *Quarter* or *Region*) into the slicer box.
Now you can filter visuals by that field.

3. What is the difference between a bar chart and a column chart?

- Bar Chart shows data horizontally (left to right).
- Column Chart shows data vertically (up and down).
They show similar data but in different directions.

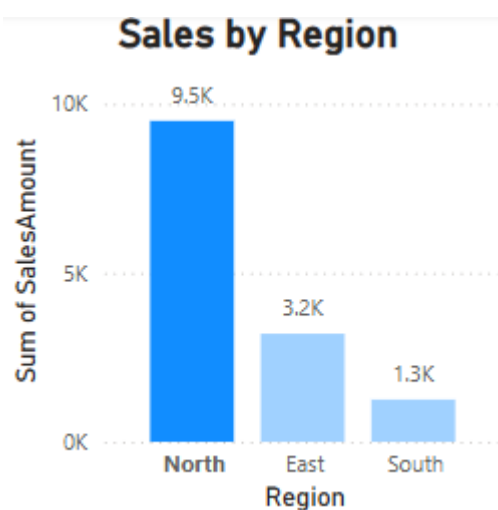
4. How do you change the color of a visual background?

- 1) Click on the visual.
- 2) Go to the Format pane (paint roller icon).
- 3) Find "Background", turn it on.
- 4) Choose the color you want.

5. What does "drill-down" mean in a visual?

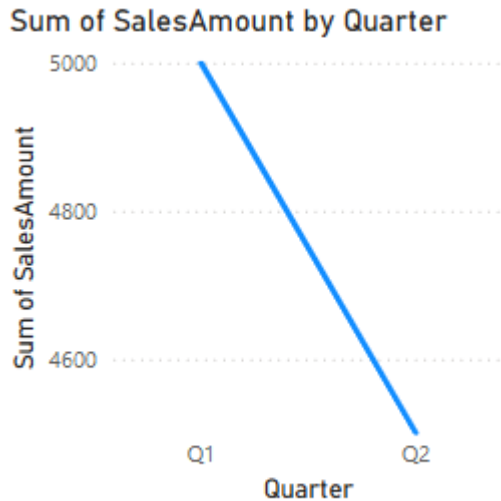
Drill-down means to go from summary data to detailed data. For example, if you have a chart showing total sales by Region, you can click on a Region to drill down and see sales by Product inside that Region. It helps to explore data in more levels, like: Region → Product → Month.

6. Create a bar chart showing SalesAmount by Region.



Bar chart showing total SalesAmount by Region with data labels and custom title.

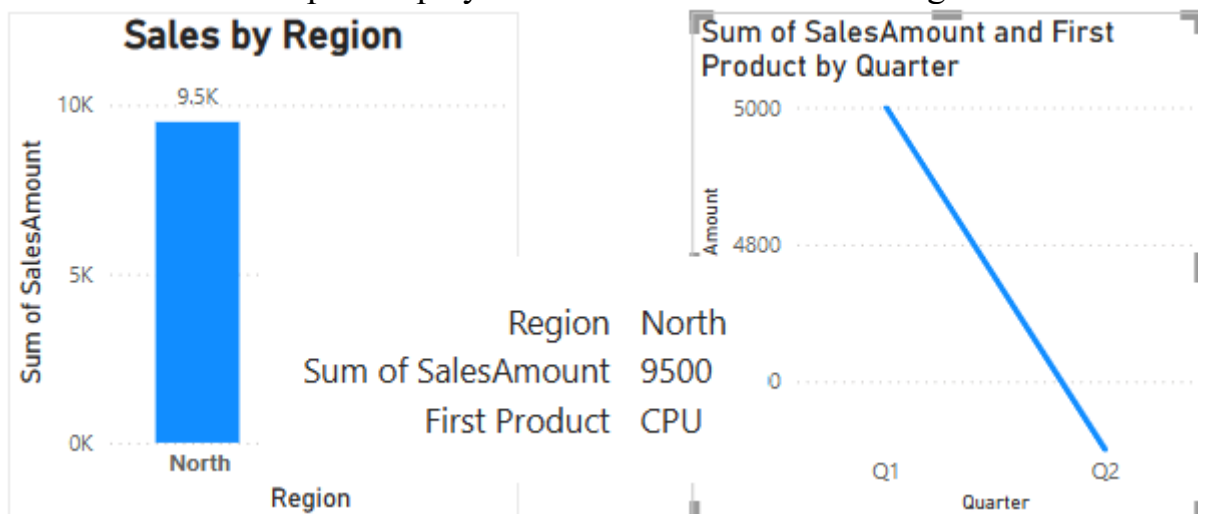
9. Use a line chart to show SalesAmount trends over Quarter.



I added a line chart to visualize the trend of sales over different quarters. I set Quarter on the X-axis and SalesAmount on the Y-axis. The chart clearly shows how sales changed over time, helping to identify growth or decline trends.

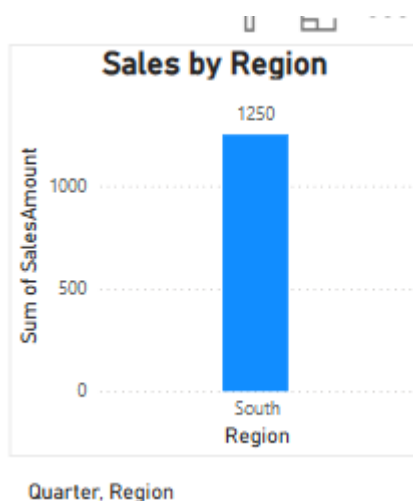
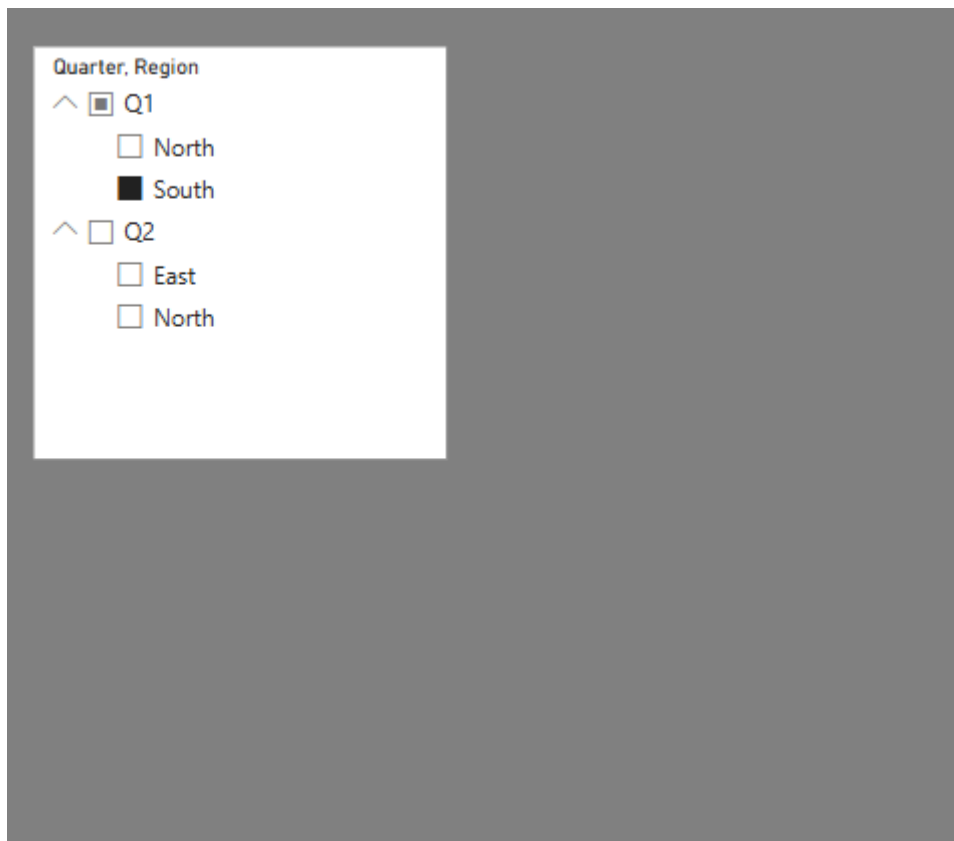
Line chart showing quarterly sales trends.

10. Add a tooltip to display Product details when hovering over bars.

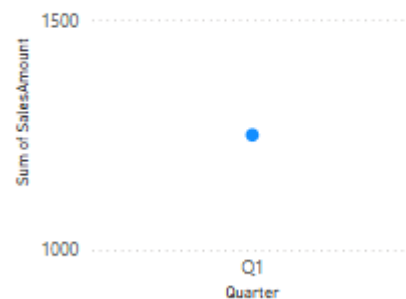


Product field is added to the Tooltip area. Now, when hovering over bars, additional product info appears.

11. Sync slicers across multiple report pages.



Sum of SalesAmount and First Product by Quarter



Page 1 – Slicer Synced from Page 2 (Shows South Region)

Description:

This screenshot shows Page 1 after the Region slicer was used on Page 2 to select "South".

Because the slicer is synced across pages, Page 1 visuals are now filtered to show only South region data, even though the slicer itself is not directly visible on Page 1.

Page 2 – Slicer with South Selected

Description:

In this screenshot, the Region slicer on Page 2 is used to select "South". As a result, all visuals on this page are filtered to show data only for the South region.

Additionally, since slicer syncing is enabled, this selection also applies to other report pages, including Page 1.