

# Power BI - lesson 6

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

Answer:

- Bar chart
- Line Chart
- Donut Chart

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

Answer: Click on the Slicer icon from the Visualizations pane, Drag a field (Quarter) into it.

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

Answer:

- Bar chart = horizontal bars
- Column chart = vertical bars

Both show comparisons.

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

Answer: Select the visual, go to Format (paint roller) , turn on Background, pick a color

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

Answer: It lets you go deeper into data levels, like clicking Region to see Products inside that Region.

6. Create a bar chart showing SalesAmount by Region.

Answer: Insert a bar chart

- Axis: Region
- Values: SalesAmount

7. Add a slicer for Quarter to filter all visuals on the page.

Answer: Add slicer, drag in quarter, it will filter all visuals by default.

8. Format the bar chart to show data labels.

Answer: Click bar chart, format, Turn on Data labels.

9. Use a line chart to show Sales Amount trends over quarter.

Answer: Add Line chart

- Axis: Quarter
- Values: SalesAmount

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

Answer: Drag Product to the Tooltip field well of the bar chart.

11. Sync slicers across multiple report pages.

Answer: Select slicer, view tab, sync slicers, choose pages to sync.

12. Create a custom visual with dynamic measure selection (sales vs Profit)

Answer:

- Create a table with measure names

- Use SELECTEDVALUE() in a SWITCH DAX measure
- Use that measure in visual

13. Implement a hierarchy for Region, Product, Quarter drill-down.

Answer:

- Create hierarchy in fields pane (Right-click Region, New Hierarchy)
- Add product, then Quarter
- Use this in a visual and click drill-down arrows.

14. Use bookmarks to toggle between two visuals in the same space.

Answer:

- Add both visuals (overlapping)
- Create 2 bookmarks (each showing one visual)
- Add buttons to switch bookmarks.

15. Optimize a slow-rendering report with 10+ visuals

Answer: Turn off auto refresh, use fewer visuals per page, use summary-level data(aggregated)