

## Power BI - 15 Questions and Answers

1. Q1: Name three types of visuals you can create in Power BI

A1: Bar chart, Line chart, Pie chart (others include Table, Map, Gauge, Card, Matrix, etc.).

2. Q2: How do you add a slicer to a report?

A2: In Report View, go to the Visualizations pane, select the Slicer icon, and drag a field (e.g., Quarter) into the slicer.

3. Q3: What is the difference between a bar chart and a column chart?

A3: A bar chart shows categories on the Y-axis (horizontal bars), while a column chart shows categories on the X-axis (vertical bars).

4. Q4: How do you change the color of a visual background?

A4: Select the visual, go to Format pane, expand Background, turn it On, and choose a color with transparency.

5. Q5: What does 'drill-down' mean in a visual?

A5: Drill-down allows you to explore hierarchical data step by step (e.g., Region → Product → Quarter).

6. Q6: How do you create a bar chart showing SalesAmount by Region?

A6: Select Bar chart > Drag Region to Axis > Drag SalesAmount to Values.

7. Q7: How do you add a slicer for Quarter to filter all visuals on a page?

A7: Insert a Slicer visual > Drag Quarter field into the slicer.

8. Q8: How do you format a bar chart to show data labels?

A8: Select the bar chart > Format pane > Data labels > Turn On.

9. Q9: How do you use a line chart to show SalesAmount trends over Quarter?

A9: Insert a Line chart > Drag Quarter to Axis > Drag SalesAmount to Values.

10. Q10: How do you add a tooltip to display Product details when hovering over bars?

A10: Create a new Tooltip page > Add Product details visual > Set Page Information to Tooltip > Assign it to bar chart Tooltip settings.

11. Q11: How do you sync slicers across multiple report pages?

A11: Select slicer > View tab > Sync slicers > choose report pages where it should apply.

12. Q12: How do you create a custom visual with dynamic measure selection (Sales vs. Profit)?

A12: Create a disconnected table with values {Sales, Profit}.

Use DAX with SWITCH and SELECTEDVALUE to toggle between measures.

Place the resulting measure in visuals controlled by the slicer.

13. Q13: How do you implement a hierarchy for Region > Product > Quarter drill-down?

A13: In Fields pane, create a Hierarchy with Region → Product → Quarter. Use Drill mode in visuals.

14. Q14: How do you use bookmarks to toggle between two visuals in the same space?

A14: Place both visuals in the same spot > Create Bookmark 1 (show only Visual A) >

Bookmark 2 (show only Visual B) > Add buttons to toggle.

15. Q15: How can you optimize a slow-rendering report with 10+ visuals?

A15: Use aggregations, split visuals across multiple pages, reduce slicer cardinality, optimize DAX, and use Import mode instead of DirectQuery when possible.