

Power BI Visualizations & Interactivity - Answers

1. Three types of visuals you can create in Power BI are: Bar Chart, Line Chart, Pie Chart.
2. To add a slicer to a report, go to the 'Visualizations' pane, select the slicer icon, and drag the field you want to filter by into the slicer field.
3. A bar chart displays data with horizontal bars, while a column chart displays data with vertical bars.
4. To change the color of a visual background, go to the 'Format' pane, expand the 'Background' section, and select a new color.
5. 'Drill-down' in a visual means to explore detailed data by clicking on elements in the chart to go to a deeper level in a hierarchy.
6. Create a bar chart: Drag 'Region' to Axis and 'SalesAmount' to Values.
7. Add a slicer for Quarter: Create a slicer visual and drag 'Quarter' into it.
8. Format the bar chart: Go to 'Format' pane and enable 'Data labels'.
9. Use a line chart: Drag 'Quarter' to Axis and 'SalesAmount' to Values.
10. Add tooltip: Drag 'Product' into the Tooltips field of the visual.
11. Sync slicers: Use the 'View' tab > 'Sync slicers' pane to control slicer behavior across pages.
12. Create custom visual: Use a parameter table and DAX to dynamically switch between measures like Sales and Profit.
13. Implement a hierarchy: Create a hierarchy in the data model or by dragging fields into a visual hierarchy (Region > Product > Quarter).
14. Use bookmarks: Go to 'View' > 'Bookmarks' and add bookmarks to toggle between different visuals.
15. Optimize report: Reduce number of visuals, use aggregations, and limit interactions to improve performance.