

Interview Questions: Dashboard & Power BI

1. What are the key elements of a dashboard?

Visualizations, KPIs (Key Performance Indicators), Filters and Slicers, Navigation buttons or bookmarks, Data sources.

2. What is a KPI?

A Key Performance Indicator (KPI) is a measurable value that demonstrates how effectively a company is achieving key business objectives.

3. What are slicers in Power BI?

Slicers are visual filters that allow users to segment and filter data dynamically on the dashboard.

4. What is the difference between Power BI and Tableau?

Power BI integrates well with Microsoft tools and is cost-effective. Tableau is known for advanced visualizations and larger enterprise scalability. Power BI uses DAX; Tableau uses VizQL.

5. How do you make a dashboard interactive?

Use slicers, filters, drill-through, bookmarks, tooltips, and dynamic visuals.

6. How do you deal with large datasets in dashboards?

Use data aggregations, filters, summarized views, direct query mode, and performance optimization techniques like indexing and data model simplification.

7. What chart types do you use for trend analysis?

Line charts, area charts, bar charts over time, and scatter plots with time on the X-axis.