**1. What are the key elements of a dashboard?**  
A dashboard includes key KPIs, charts, filters/slicers, and summaries. It should be clear, interactive, visually consistent, and focused on business goals.

**2. What is a KPI?**  
KPI (Key Performance Indicator) is a measurable value that shows how well a business is achieving its objectives — e.g., Sales Growth, Profit Margin, or Customer Retention.

**3. What are slicers in Power BI?**  
Slicers are interactive filters that let users select specific data values (like region or date) to instantly update visuals on the dashboard.

**4. Difference between Power BI and Tableau?**

| **Feature** | **Power BI** | **Tableau** |
| --- | --- | --- |
| Ease of Use | Easier for beginners | More flexible, advanced features |
| Cost | Cheaper (free desktop version) | More expensive |
| Integration | Strong with Microsoft tools | Works well across data sources |
| Visualization | Basic to moderate | More visually rich & customizable |

**5. How do you make a dashboard interactive?**  
Add slicers, filters, drill-through options, and tooltips. Use bookmarks and buttons for navigation to let users explore data easily.

**6. How do you deal with large datasets in dashboards?**  
Use data aggregation, import mode or DirectQuery, pre-filter data, optimize DAX/calculations, and reduce visuals to improve performance.

**7. What chart types do you use for trend analysis?**  
Line charts, area charts, and combo charts are best for trends. They show changes in metrics (like sales or profit) over time clearly.