**1. What is the importance of data visualization?**

**Answer:**  
Data visualization helps us understand data quickly. It shows patterns, trends, and insights in a simple visual format like charts or graphs.

**2. When do you use a pie chart vs bar chart?**

**Answer:**

* Use a **pie chart** to show parts of a whole (like % of total sales).
* Use a **bar chart** to compare different items (like sales in different regions).

**3. How do you make visualizations more engaging?**

**Answer:**  
By using clean designs, bright colors for key points, interactive filters, and adding short labels or notes to explain the chart.

**4. What is data storytelling?**

**Answer:**  
Data storytelling means using visuals to tell a clear story from data—showing what happened, why it happened, and what to do next.

**5. How do you avoid misleading visualizations?**

**Answer:**

* Use the right chart for the data
* Start axes at zero
* Avoid using too many colors
* Show complete data (not just part of it)

**6. What are best practices in dashboard design?**

**Answer:**

* Keep it simple and clean
* Show important KPIs first
* Use filters or slicers
* Group related info together
* Make it easy to understand at a glance

**7. What tools have you used for visualization?**

**Answer:**  
I’ve used tools like **Power BI**, **Tableau**, and **Excel** for creating dashboards and reports.