**Power BI Interview Questions and Answers (1-Month Intern Level)**

**1. What is Power BI?** Power BI is a business analytics tool developed by Microsoft that helps users visualize data, create interactive reports and dashboards, and share insights across an organization.

**2. What are the main components of Power BI?**

Power BI Desktop – To create reports

Power BI Service (Cloud) – To publish and share reports

Power BI Mobile App – To view reports on mobile

Power BI Gateway – To refresh data from on-premise sources

Power BI Report Server – For on-premise report publishing

**3. What is the workflow of Power BI?**

Import or connect to data

Clean and transform data using Power Query

Create data model and relationships

Build visuals like charts, KPIs, maps

Create reports and dashboards

Publish to Power BI Service

Share and collaborate with others

**4. What are the different types of filters in Power BI?**

Visual-level filter – Affects only one visual

Page-level filter – Affects all visuals on one page

Report-level filter – Affects all pages in the report

Slicer – A visual filter used for user interactions

1. **What is a DAX function?**

DAX (Data Analysis Expressions) is a formula language in Power BI used to create calculated columns, measures, and custom tables.  
**Example:**  
Total Sales = SUM(Sales[Amount])

**6. What is the difference between a Measure and a Calculated Column?**

Measure is calculated on the fly (e.g., Total Sales = SUM(Sales[Amount]))

Calculated Column is stored in the model (e.g., Full Name = FirstName & " " & LastName)

**7. What is Power Query?** Power Query is the data transformation tool in Power BI used for cleaning, transforming, and shaping data before loading it into the data model.

**8. How do you refresh data in Power BI?** Click the "Refresh" button in Power BI Desktop or schedule automatic refreshes in the Power BI Service using Gateways.

**9. What is the difference between Power BI Desktop and Power BI Service?**

Desktop is used for report creation

Service is used for report publishing and sharing online

**10. Can you name a few commonly used visuals in Power BI?**

Bar/Column Chart

Pie Chart

Line Chart

Card

Table/Matrix

Map

Slicer

Funnel

**1. What is Power BI?**

Power BI is a business intelligence tool by Microsoft. It helps to connect, visualize, and analyze data. Using Power BI, we can create interactive dashboards and reports from various data sources like Excel, SQL, CSV, etc.

**2. How do you load data into Power BI?**

To load data, I use the “Get Data” option from the Home tab. Then I select the data source like Excel or CSV, and after previewing the data, I either click “Load” to import directly or “Transform Data” to clean it using Power Query.

**3. What is data transformation in Power BI?**

Data transformation means cleaning and modifying the data before using it in visuals. For example, removing nulls, renaming columns, changing data types, splitting columns, etc. This is done in Power Query Editor.

**4. What is Power Query Editor?**

Power Query Editor is the tool inside Power BI where we clean and shape our data. We can perform steps like filtering, merging tables, replacing values, changing types, and all the transformations before loading the data into the model.

**5. What types of visualizations have you used in Power BI?**

I have used bar charts, pie charts, line charts, maps, tables, matrix, cards, and slicers. It depends on the data and what insights we want to show. For example, I used a bar chart to compare sales by region, and a card to show total profit.