POWER BI Interview Questions and Answer PDF

1. What are the different parts of Microsoft's self-service business intelligence (SSBI) solution?

- Excel BI Toolkit: Excel BI Toolkit is used to allow the users to create an interactive report by importing data from different possible sources and model data according to the report's requirement.
- Power BI: The Power BI is an online solution that enables users to share the interactive reports and queries you have created using the Excel BI Toolkit

2. What do you understand by self-service business intelligence (SSBI)?

- Self-Service Business Intelligence /SSBI is an approach to data analytics that enables business users to filter, segment, and analyze their data without the in-depth technical knowledge in statistical analysis or business intelligence (BI).
- It is easy to use, and anybody who has a basic understanding of the data can create reports to build intuitive and shareable dashboards

3. What is Power BI Desktop?

- Power BI Desktop is a free business intelligence desktop application installed on your computer.
- Power BI Desktop works with the Power BI service by providing advanced data exploration, shaping, modeling, and creating a report with highly interactive visualizations.

4. What are the different important components of Power BI?

- Power BI Desktop
- Power BI Services
- Power BI Mobile
- Power BI Gateway
- Power BI Premium
- Power BI Report Server
- Power BI Embedded

5. What are the reasons behind the popularity of the Power BI tool?

- It also offers fast deployment, hybrid configuration, and a secure environment.
- Power BI allows real-time dashboard updates.
- It uses a natural language query to help us in data exploration
- Power BI provides pre-built dashboards and reports for SaaS Solutions.
- Power BI offers a secure and reliable connection to your data sources in the cloud or on-premises.

6. What do you understand by BI? Or what is BI?

- BI stands for Business Intelligence.

- It is a technology-driven method that helps users analyze and visualize business data from thousands of data sources and share insights across their organization.
- It also provides important information that may help corporate executives, business managers, and other users make business decisions

7. What are the different data types used in Dax?

- Numeric
- Boolean
- DateTime
- String
- Decimal

8. What is Dax Function that is used in Power BI?

- Dax Function is a formula expression language used with various business intelligence visualization tools like Power BI.
- It is also known as a functional language, where the full code is kept inside a function

9. Is Power BI hard to Learn for a fresher?

- Power BI is Microsoft's tool for data analysis and visualization.
- It doesn't require knowledge or experience of any programming language.
- A data analyst can quickly connect with any data source, summarizing the findings into simple reports without any programming experience.

10. How Important is Power BI?

- Power BI is one of Microsoft's greatest data analysis and visualization tool developed and maintained.
- It provides dashboards, datasets, and reports that are the heart of Power BI.
- They enable users to create personalized dashboards combining cloud-born and on-premises data in a single view.

11. What are the essential applications that use Power BI?

- Business & Data Analyst
- PMO - Project Management Office
- Developer & Database Administrator
- IT Team, IT Professional
- Consumer for End User Report
- Data Scientists.

12. What is Power BI?

- Power BI is a Business Analytics solution or a Business Intelligence and Data Visualization tool developed and maintained by Microsoft. It enables users to convert data from thousands of data sources into interactive dashboards, and BI reports.

13. Is there a way to export from power BI to Microsoft Excel?

- You can export any dashboard or visual data from power BI to Microsoft Excel.
- Your data is exported as an a.CSV file.
- You can even save and open the file in Excel.

14. Is Power BI better than Tableau?

- Both Power BI and Tableau allow the users to connect to distinct data sources.
- If we compare both, we find Tableau provides better support to connect to a different data warehouse than Power BI.
- On the other hand, Power BI is heavily integrated with Microsoft's portfolio, like the Azure cloud platform.

15. What are the main Building blocks of Power BI?

- Visualizations
- Data Sets
- Reports
- Dashboard
- Tiles

16. What do you mean by the term Power BI Desktop?

- Power BI Desktop is a free business intelligence app. It is used to install on the computer system to work with the Power BI services.
- It offers shaping, modeling, data exploration, and report creation using high interactive visualizations.

17. What are the differences between Power BI and Tableau?

Power BI	Tableau
Power BI is cheaper than Power BI.	Tableau is costlier when compared to Power BI
Power BI comes only with the SaaS model.	Tableau provides more flexible and easily customizable features. It is available in both models, such as on-premises and cloud.
The User Interface of Power Bi is simple and easy to use.	Tableau uses a customized dashboard as a user interface.

18. Is Power BI a better option than Microsoft's Excel?

- Power BI is a more powerful tool as compared to Microsoft Excel.
- Power BI is easy to use and is much more flexible, while Microsoft Excel is not so handy to use.
- Power BI is mostly used for data visualization and dashboard sharing too many users, while Microsoft Excel is mostly used for in-depth driver analysis.

19. What is the cost of Power BI?

- Power BI comes with mainly three versions: Power BI Desktop, Power BI and Power BI pro.
- Here, Power BI Desktop and Power BI are free of cost.
- If you want to use the Power BI Pro, you have to pay $9.99 per month after a 60-day free trial.

20. Is Power BI free to use or paid?

- Power BI has two versions to use.
- Users can use the Power BI free version for free.
- The purchased subscription provides an enhanced version of various features available with the free Power BI account.