

# Power BI MCQs

1. Which of the following is not a component of Power BI?

- A) Power BI Desktop
- B) Power BI Server
- C) Power BI Service
- D) Power BI Mobile

2. What is Power Query used for in Power BI?

- A) Data visualization
- B) Data transformation
- C) Data analysis
- D) Data modeling

3. Which language is used for creating calculations in Power BI?

- A) SQL
- B) JavaScript
- C) DAX (Data Analysis Expressions)
- D) Python

4. What is the purpose of Power BI's Q&A feature?

- A) Querying and visualizing data
- B) Automating data refresh
- C) Creating reports
- D) Asking questions in natural language and getting answers

5. Which component of Power BI is used for creating custom visualizations?

- A) Power BI Desktop
- B) Power BI Service
- C) Power BI Mobile
- D) Power BI Visuals Marketplace

6. What is the purpose of Power BI's DAX (Data Analysis Expressions)?

- A) Data visualization
- B) Data transformation
- C) Data modeling
- D) Creating calculations and measures

7. Which of the following is NOT a data visualization tool in Power BI?

- A) Bar Chart
- B) Line Chart
- C) Pie Chart
- D) Data Table

**8. Which feature in Power BI allows you to schedule automatic refreshes of your dataset?**

- A) Power Query
- B) Power Pivot
- C) Power Automate
- D) Dataset Refresh

**9. Which Power BI component allows users to view and interact with reports and dashboards on mobile devices?**

- A) Power BI Desktop
- B) Power BI Service
- C) Power BI Mobile
- D) Power BI Embedded

**10. Which language is used for writing advanced queries in Power BI?**

- A) SQL
- B) DAX
- C) MDX (Multidimensional Expressions)
- D) R

**11. What is the primary function of Power BI's Power Query Editor?**

- A) Data visualization
- B) Data transformation
- C) Data modeling
- D) Data analysis

**12. Which of the following is NOT a valid data source in Power BI?**

- A) Excel
- B) Salesforce
- C) Twitter
- D) Google Docs

**13. What is the purpose of Power BI's Drillthrough feature?**

- A) Creating custom visualizations

- B) Filtering data in reports
- C) Navigating to more detailed data from summarized data
- D) Exporting reports to different formats

**14. Which feature in Power BI allows users to create and share interactive reports and dashboards online?**

- A) Power BI Desktop
- B) Power BI Service
- C) Power BI Mobile
- D) Power BI Embedded

**15. What is the purpose of Power BI's Cross-filtering feature?**

- A) Filtering data in reports
- B) Analyzing trends in data
- C) Sorting data
- D) Creating custom visualizations

**16. What type of visual in Power BI is used to display hierarchical data in a tree-like structure?**

- A) Bar Chart
- B) Line Chart
- C) Treemap
- D) Scatter Chart

**17. What is the purpose of Power BI's Row-level security feature?**

- A) Encrypting data
- B) Filtering data based on user roles
- C) Analyzing data trends
- D) Creating calculated columns

**18. Which feature in Power BI allows users to combine data from multiple tables into a single table?**

- A) Merge Queries
- B) Append Queries
- C) Group By
- D) Transform Data

**19. Which of the following is NOT a valid method for sharing reports and dashboards in Power BI?**

- A) Sharing via email
- B) Publishing to the web
- C) Embedding in a website
- D) Printing to PDF

**20. What is the purpose of Power BI's Quick Insights feature?**

- A) Creating custom visualizations
- B) Generating automatic insights from data
- C) Filtering data in reports
- D) Analyzing trends in data

**21. What is the purpose of Power BI's DirectQuery mode?**

- A) To import data into Power BI for analysis
- B) To connect Power BI directly to a data source for real-time analysis
- C) To schedule automatic data refreshes
- D) To create calculated columns and measures

**22. Which visualization in Power BI is best suited for comparing values across different categories?**

- A) Line Chart
- B) Bar Chart
- C) Pie Chart
- D) Scatter Chart

**23. What is the purpose of Power BI's Power Query Editor?**

- A) To create calculated columns and measures
- B) To visualize data in different chart types
- C) To transform and clean data before importing into Power BI
- D) To share reports and dashboards with others

**24. Which of the following is NOT a valid method for sharing Power BI reports externally?**

- A) Sharing via email
- B) Publishing to the web
- C) Embedding in SharePoint Online
- D) Sharing via Power BI Apps

**25. What is the purpose of Power BI's Drillthrough feature?**

- A) Creating custom visualizations

- B) Filtering data in reports
- C) Navigating to more detailed data from summarized data
- D) Exporting reports to different formats

**26. Which Power BI feature allows users to create custom calculations based on data from multiple tables?**

- A) Power Query
- B) Power Pivot
- C) DAX (Data Analysis Expressions)
- D) Q&A

**27. In Power BI, what does the term "Aggregations" refer to?**

- A) The process of importing data into Power BI
- B) The process of summarizing data based on specified criteria
- C) The process of transforming and cleaning data
- D) The process of sharing reports and dashboards with others

**28. Which Power BI feature allows users to combine data from multiple queries into a single query?**

- A) Merge Queries
- B) Append Queries
- C) Group By
- D) Expand Queries

**29. What is the purpose of Power BI's Cross-filtering feature?**

- A) Filtering data in reports
- B) Analyzing trends in data
- C) Sorting data
- D) Creating custom visualizations

**30. Which of the following is NOT a valid visualization type in Power BI?**

- A) Gauge
- B) Funnel
- C) Pyramid
- D) Bubble Chart

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**Power BI MCQ Questions and Answers: Answers**

1. B) Power BI Server
2. B) Data transformation
3. C) DAX (Data Analysis Expressions)
4. D) Asking questions in natural language and getting answers
5. A) Power BI Desktop
6. D) Creating calculations and measures
7. D) Data Table
8. D) Dataset Refresh
9. C) Power BI Mobile
10. A) SQL
11. B) Data transformation
12. D) Google Docs
13. C) Navigating to more detailed data from summarized data
14. B) Power BI Service
15. A) Filtering data in reports
16. C) Treemap
17. B) Filtering data based on user roles
18. B) Append Queries
19. D) Printing to PDF
20. B) Generating automatic insights from data
21. B) To connect Power BI directly to a data source for real-time analysis
22. B) Bar Chart
23. C) To transform and clean data before importing into Power BI
24. C) Embedding in SharePoint Online
25. C) Navigating to more detailed data from summarized data
26. C) DAX (Data Analysis Expressions)
27. B) The process of summarizing data based on specified criteria
28. B) Append Queries
29. A) Filtering data in reports
30. C) Pyramid