

50 multiple-choice questions (MCQs) for your Power BI mock-up test

1. What is Power BI primarily used for?

- A. Data storage
- B. Data transformation
- C. Data analysis and visualization
- D. None

Answer: C

2. Which tool is used to load data into Power BI?

- A. Power Query
- B. DAX
- C. Power View
- D. SQL

Answer: A

3. How do you append data in Power BI?

- A. Merge Queries
- B. Append Queries
- C. Group By
- D. Filter Rows

Answer: B

4. What is the role of relationships in Power BI?

- A. To delete data
- B. To visualize data
- C. To link tables
- D. To export data

Answer: C

5. Which visual is best for showing trends over time?

- A. Bar Chart
- B. Line Chart
- C. Pie Chart
- D. Gauge

Answer: B

6. What is DAX used for in Power BI?

- A. Data formatting
- B. Data analysis
- C. Visualization
- D. Importing data

Answer: B

7. Which function is used to create a measure for total sales in Power BI?

- A. COUNT()
- B. AVERAGE()
- C. SUM()
- D. MAX()

Answer: C

8. What does YTD stand for in Power BI DAX formulas?

- A. Year-To-Date
- B. Yesterday-Today
- C. Year-To-Duration
- D. Yearly Target Data

Answer: A

9. In which view can you format your Power BI report?

- A. Data view
- B. Report view
- C. Model view
- D. Query view

Answer: B

10. Which DAX function is used to filter a table based on specific criteria?

- A. FILTER()
- B. CALCULATE()
- C. IF()
- D. CONTAINS()

Answer: A

11. Which visual would you use to show geographical data in Power BI?

- A. Line Chart
- B. Map Visual
- C. Bar Chart
- D. Slicer

Answer: B

12. What is the difference between SUM() and SUMX() in DAX?

- A. SUM sums all values; SUMX sums with row-level expressions
- B. Both sum all values
- C. SUM calculates averages
- D. SUMX only counts unique values

Answer: A

13. How do you display hierarchical data in Power BI?

- A. Using Matrix visual
- B. Using Pie chart
- C. Using Slicer
- D. Using Bar chart

Answer: A

14. Which DAX function would you use for cumulative totals?

- A. SUM()
- B. AVERAGE()
- C. DATESYTD()
- D. IF()

Answer: C

15. What is the role of the Power Query Editor in Power BI?

- A. Visual creation
- B. Data transformation and cleaning
- C. Data analysis
- D. Data import

Answer: B

16. How do you add interactivity to a Power BI report?

- A. Using visuals and slicers
- B. Using SQL queries
- C. Data modeling
- D. Using 'New Table'

Answer: A

17. Which DAX function returns a filtered table?

- A. CALCULATE()
- B. FILTER()
- C. SUM()
- D. SUMX()

Answer: B

18. What does MTD stand for in DAX formulas?

- A. Month-To-Date
- B. Multiple-Time Data
- C. Mid-Term Data
- D. Monthly Time Data

Answer: A

19. Which chart is most appropriate for comparing sales by region?

- A. Line Chart
- B. Bar Chart
- C. KPI
- D. Slicer

Answer: B

20. How do you append data in Power BI?

- A. Use Power Query Editor
- B. Use SQL queries
- C. Use Data Modeling
- D. Use Report View

Answer: A

21. What is the main use of a Scatter Chart?

- A. Compare trends
- B. Show proportional data
- C. Show relationships between two variables
- D. Show hierarchical data

Answer: C

22. What is the purpose of a slicer in Power BI?

- A. Filter data visually
- B. Summarize data
- C. Combine data
- D. Append queries

Answer: A

23. Which DAX function is used to calculate running totals?

- A. SUMX()
- B. AVERAGE()
- C. DATESBETWEEN()
- D. CALCULATE()

Answer: C

24. How do you format a Line Chart in Power BI?

- A. Use DAX
- B. Use 'Format' pane
- C. Use Power Query
- D. Use SQL

Answer: B

25. What does QTD stand for in Power BI DAX?

- A. Query-To-Date
- B. Quick-Time Data
- C. Quarter-To-Date
- D. Quality-Time Data

Answer: C

26 .How can you display data in a card format?

- A. Using Matrix visual
- B. Using Card visual
- C. Using Slicer
- D. Using Bar Chart

Answer: B

27. Which visual is best for displaying trends over time?

- A. Line Chart
- B. Bar Chart
- C. Tree Map
- D. KPI

Answer: A

28. How do you create relationships between tables in Power BI?

- A. Use 'Manage Relationships'
- B. Use DAX
- C. Use 'New Measure'
- D. Use visuals

Answer: A

29. What is the role of the 'Waterfall Chart'?

- A. Show cumulative totals
- B. Show hierarchical data
- C. Compare categorical data
- D. Show relationships between variables

Answer: A

30. How can you create a new calculated column in Power BI?

- A. Use DAX
- B. Use Power Query
- C. Use visuals
- D. Use SQL

Answer: A

31. Which DAX function is used for conditional expressions?

- A. IF()
- B. COUNT()
- C. SUM()
- D. CONCATENATE()

Answer: A

32. How do you calculate Year-To-Date totals in Power BI?

- A. SUMX()
- B. YTD()
- C. DATESYTD()
- D. CALCULATE()

Answer: C

33. What is the use of 'Tree Map' visual in Power BI?

- A. Show proportional data
- B. Show hierarchical data
- C. Show trends over time
- D. Compare values across categories

Answer: B

34. Which function is used to calculate averages in DAX?

- A. SUM()
- B. AVERAGE()
- C. COUNT()
- D. MAX()

Answer: B

35. What is the role of 'Slicer' in Power BI?

- A. Summarize data
- B. Filter data visually
- C. Combine multiple queries
- D. Create relationships

Answer: B

36. Which DAX function is used for cumulative totals?

- A. SUM()
- B. SUMX()
- C. DATESYTD()
- D. IF()

Answer: C

37. How do you display relationships between data points in Power BI?

- A. Using Scatter Chart
- B. Using Bar Chart
- C. Using KPI
- D. Using Matrix visual

Answer: A

38. What does the Power Query Editor allow you to do?

- A. Clean and transform data
- B. Visualize data
- C. Create DAX measures
- D. Export data

Answer: A

39. Which chart is best for showing proportions of a whole?

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

Answer: A

40. How do you show trends over time using visuals?

- A. Use Line Chart
- B. Use Pie Chart
- C. Use Card visual
- D. Use Slicer

Answer: A

41. What is the use of a KPI visual in Power BI?

- A. Display key metrics
- B. Show geographical data
- C. Compare categorical data
- D. Show relationships

Answer: A

42. Which DAX function is used for conditional calculations?

- A. IF()
- B. SUMX()
- C. CALCULATE()
- D. COUNT()

Answer: A

43. What is a Funnel Chart used for in Power BI?

- A. Visualize a process
- B. Compare data across categories
- C. Show geographical data
- D. Create cumulative totals

Answer: A

44. What is the main function of Power Query?

- A. Import and clean data
- B. Visualize data
- C. Create reports
- D. Perform calculations

Answer: A

45. Which DAX function is used to calculate a filtered sum?

- A. CALCULATE()
- B. FILTER()
- C. SUMX()
- D. MAX()

Answer: A

46. How do you create a new measure in Power BI?

- A. Use DAX
- B. Use Power Query
- C. Use visuals
- D. Use SQL

Answer: A

47. What is the role of 'Card' visual in Power BI?

- A. Display single values
- B. Show trends over time
- C. Show hierarchical data
- D. Compare categories

Answer: A

48. Which visual would you use to compare data across categories?

- A. Bar Chart
- B. Line Chart
- C. Tree Map
- D. Card

Answer: A

49. What is the role of DAX in Power BI?

- A. Perform data analysis
- B. Create relationships
- C. Visualize data
- D. Export data

Answer: A

50. Which DAX function would you use for percentage growth?

- A. DIVIDE()
- B. SUMX()
- C. CALCULATE()
- D. IF()

Answer: A