

Power BI Fundamental Assessment

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Score Obtained:

44/50 (88%)

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VIEW REPORT

Which of the following is a suite of software and services to transform data into actionable intelligence and knowledge?

- ☐ Data Analysis

1/1

ATTEMPTED
- ☐ Data Science
- ☒ Business Intelligence
- ☐ Business Analysis

2. Which of the following tools can be used by businesses to Input huge quantitles of data?

- ☐ Microsoft Power BI

0/1

ATTEMPTED
- ☒ Microsoft Excel
- ☐ Microsoft Word
- ☐ Microsoft Powerpoint

3. Which is an important feature of PowerBI architecture

0/1

ATTEMPTED

- ☐ Data Sets
- ☐ Applied steps
- ☒ Virtual Gateways
- ☐ DAX queries

4.

Which component of the Power BI is used search, access, and transform public and/ or internal data sources?

- ☒ Power Query
- ☐ Power Map
- ☐ Power View
- ☐ Power BI Q&A

1/1

ATTEMPTED

5. If user wants to check SQL server data on powerBI desktop,which component is helpful?

1/1

ATTEMPTED

- ☐ Power Q/A
- ☐ Power View
- ☐ Power Query editor
- ☒ Both B,C

6.

What Are The Different Views in Power BI Desktop?

☐ Report

1/1

ATTEMPTED

☐ Model

☐ Data

☒ All of these

7. What are the components of power BI

1/1

ATTEMPTED

☐ Power Map

☐ Power View

☐ Power Pivot

☒ All of these

8.

In which of the following, the user can rename steps, delete steps, or reorder the steps?

☐ Query Ribbon

1/1

ATTEMPTED

☒ Query Setting Pane

☐ Queries Pane

☐ Center Pane

9.

Which of the following stores a value that can be used for transformations in Power Query?

☒ Parameter

1/1

ATTEMPTED

☐ Attribute

☐ Variable

☐ All of these

10.

Which of the following will add a new column in the table with unique values

☐ Add Custom Column

1/1

ATTEMPTED

☐ Add Column from Example

☒ Add Index Column

☐ Add Conditional Column

11.

Which of the following is used to easily store and manage a value that can be reused

☐ Custom Function

1/1

ATTEMPTED

☐ Add Column

☐ Transform Column

☒ Query Parameter

12. The process of applying transformations to one or more sets of data is often called?

1/1

ATTEMPTED

- ☐ Showing
- ☐ Creating
- ☐ Harnessing
- ☒ Shaping

13.

Which of the following will add a new column in the table with unique values

- ☐ Add Custom Column
- ☐ Add Column from Example
- ☒ Add Index Column
- ☐ Add Conditional Column

1/1

ATTEMPTED

14.

You are importing sales data from a Microsoft Excel file named Sales.xlsx into Power BI Desktop.

You need to create a bar chart showing the total sales amount by region. When you create the bar chart, the regions appear as expected, but the sales amount value displays the count of sales amount instead of the sum of sales amount each region.

You need to modify the query to ensure that the data appears correctly. What should you do?

- ☐ Delete the query, import the data into Microsoft SQL Server, and then import the data from SQL Server.
- ☐ In Query Editor, add a calculated column that totals the sales amount column.

0/1

ATTEMPTED

- ☒ Change the Data Type of sales amount column to Numeric.
- ☐ Refresh the data model.

15.

What are different ways to check column statistics

1/1

ATTEMPTED

- ☐ Column Quality
- ☐ Column distribution
- ☐ Column profile
- ☒ All of these

16. **What are the components of power BI**

1/1

ATTEMPTED

- ☐ Power Map
- ☐ Power View
- ☐ Power Pivot
- ☒ All of these

17.

Which of the following is not self-serviced BI tools?

1/1

ATTEMPTED

- ☒ SAP BO
- ☐ Tableau
- ☐ Qlik Sense

☐ Power BI

18. Which component of the Power BI is used to ask questions and get immediate answers with natural language query?

1/1

ATTEMPTED

☐ Power Query

☒ Power BI Q&A

☐ Power View

☐ Power Map

19. Which of the following is not true about applied steps?

1/1

ATTEMPTED

☐ You can delete all the steps till end using Delete Until End

☒ You can insert a new step in between two steps with affecting the subsequent steps

☐ You can move steps up and down

☐ You can rename the step

20.

Which of the following is an SSBI tool?

☐ Tableau Desktop

1/1

ATTEMPTED

☐ Power BI

☐ Qlik Sense

☒ All of these

21.

Which of the following shows all of the tables, columns, and relationships in your model?

☐ Report View

1/1

ATTEMPTED

☐ Data View

☒ Model View

☐ None of these

22.

Which component of the Power BI is used search, access, and transform public and/ or internal data sources?

☒ Power Query

1/1

ATTEMPTED

☐ Power Map

☐ Power View

☐ Power BI Q&A

23.

Which language(s) can be utilized when planning a question in Power BI Desktop?

☐ SQL

0/1

ATTEMPTED

☒ Python

- ☐ PHP
- ☐ None of these

24.

Which type of the filter is available in Power BI Reports?

1/1

ATTEMPTED

- ☐ Visual-level Filters
- ☐ Page-level Filters
- ☐ Report-level Filters
- ☒ All of the above

25. To create dashboard in PowerBI, which componet is used^{1/1}

ATTEMPTED

- ☐ Power Q/A
- ☒ Power View
- ☐ Power Query editor
- ☐ Power Pivot

26.

Which Power Query operation is similar to SQL Join?

1/1

ATTEMPTED

- ☒ Merge
- ☐ Append
- ☐ Pivot

- ☐ All of these

27.

Which of the following can be done using the Queries Pane?

1/1

ATTEMPTED

- ☐ Rename a Query
- ☐ Delete a Query
- ☐ Duplicate a Query
- ☒ All of these

28.

Which of the following is used to easily store and manage a value that can be reused

1/1

ATTEMPTED

- ☐ Custom Function
- ☐ Add Column
- ☐ Transform Column
- ☒ Query Parameter

29. Is data connection technology that enables you to discover ,connect , combine and refine data sources to meet your analysis needs

ATTEMPTED

1/1

- ☐ Power Pivot
- ☒ Power query
- ☐ Power View

30. which is valid option to fill null values in fill option

1/1

ATTEMPTED

- ☒ fill down
- ☐ custom fill
- ☐ auto fill
- ☐ none of the above

31. What does the "Group By" feature do in Power Query?

1/1

ATTEMPTED

- ☐ Sorts data
- ☒ Combines rows based on a shared value
- ☐ Removes duplicates
- ☐ Formats columns

32. How can you refresh data in Power Query after making changes?

1/1

ATTEMPTED

- ☐ Save the workbook
- ☐ Close Power Query Editor
- ☒ Click the "Refresh" button
- ☐ Reopen the data source

33. What language is used to create custom functions in Power Query?

1/1

ATTEMPTED

- ☐ sql
- ☒ m
- ☐ dax
- ☐ r

34. What is the function of the "Remove Columns" feature in Power Query?

1/1

ATTEMPTED

- ☐ To delete entire tables
- ☒ To exclude specific columns from the query result
- ☐ To add new columns
- ☐ To sort data

35. In Power Query, what does the "Applied Steps" pane show?

ATTEMPTED

1/1

- ☐ The data model
- ☒ A list of transformations applied to the data
- ☐ Pivot table configurations
- ☐ Cell formatting

36. Which of the following actions can you perform in Power Query Editor?

1/1

ATTEMPTED

- ☒ Merge queries

- ☐ Create pivot tables
- ☐ Format cells
- ☐ Add conditional formatting

37. What option in Power Query Editor allows you to create a new column based on existing data?

1/1

ATTEMPTED

- ☐ Transform
- ☒ Add Column
- ☐ Home
- ☐ View

38. When would you typically use the unpivot columns feature in Power BI?

1/1

ATTEMPTED

- ☐ To merge multiple tables into one.
- ☐ To remove rows containing null values.
- ☒ To convert multiple columns into rows.
- ☐ To apply conditional formatting to a column.

39. What is the primary purpose of merging queries in Power BI?

ATTEMPTED

1/1

- ☐ To create a new calculated column based on existing data.
- ☒

- To combine rows from multiple queries into a single query based on matching criteria.
- ☐ To remove duplicate values from a dataset.
- ☐ To sort data in ascending or descending order.

40. When would you typically use the append queries feature in Power BI?

1/1

ATTEMPTED

- ☐ To remove rows containing null values.
- ☐ To create relationships between multiple tables.
- ☒ To concatenate data from multiple queries vertically.
- ☐ To aggregate data and create summary reports.

41. Which of the following statements about merging and appending queries in Power BI is correct?

0/1

ATTEMPTED

- ☐ Merging queries combines tables horizontally, while appending queries combines them vertically
- ☐ Merging queries is used for cleaning data, while appending queries is used for creating calculated columns.
- ☐ Merging queries is performed using DAX expressions, while appending queries uses M language.
- ☒ Merging and appending queries are data transformation operations performed in Power Query Editor.

42. Which of the following statements about custom and conditional columns in Power BI is correct?

1/1

ATTEMPTED

- ☐ Custom columns are used for creating hierarchical data structures.
- ☐ Conditional columns can only be created using DAX expressions.

- ☒ Custom columns are created using M language in Power Query Editor.
- ☐ Conditional columns are used for removing null values from a dataset.

43. What is the primary purpose of creating an index column in Power BI?

1/1

ATTEMPTED

- ☐ To sort data in ascending or descending order.
- ☐ To remove duplicate values from a dataset.
- ☒ To uniquely identify each row in a dataset.
- ☐ To aggregate data and create summary reports.

44. What is the primary purpose of data modeling in Power BI?

ATTEMPTED

1/1

- ☐ To create data visualizations.
- ☐ To optimize data storage.
- ☒ To define relationships between tables.
- ☐ To remove duplicate values from datasets.

45. Which of the following statements about relationships in Power BI is correct?

1/1

ATTEMPTED

- ☐ Relationships can only be established between tables with matching column names.
- ☐ Relationships are automatically created when tables are imported into Power BI.
- ☒ Relationships are used to define how data from one table relates to data in another table.

- ☐ Relationships can only be defined using DAX expressions.

46. Which of the following tasks is typically performed during data modeling in Power BI?

1/1

ATTEMPTED

- ☒ Creating calculated measures using DAX.
- ☐ Importing data from external sources.
- ☐ Applying formatting to visualizations.
- ☐ Writing SQL queries to extract data.

47. In Power BI, which schema type is generally more de normalized and suitable for faster query performance?

1/1

ATTEMPTED

- ☒ Star schema
- ☐ Snowflake schema
- ☐ Hybrid schema
- ☐ Circular schema

48. Which of the following statements about managing data relationships in Power BI is correct?

1/1

ATTEMPTED

- ☐ Data relationships in Power BI are automatically detected and established upon data import.
- ☐ Data relationships are managed in the Query Editor view in Power BI.
- ☒ Data relationships are used to define how tables are connected based on common fields or keys.
- ☐ Data relationships cannot be edited once they are established.

49. In Power BI, what does the cardinality of a relationship define?

0/1

ATTEMPTED

- ☐ The strength of the relationship between tables.
- ☐ The number of rows in each table.
- ☐ The direction of data flow between tables.
- ☒ The uniqueness and uniqueness of values in each table.

50. Which of the following actions can you perform in the Relationships view of Power BI Desktop?

1/1

ATTEMPTED

- ☐ Create calculated columns using DAX expressions.
- ☐ Import data from external sources.
- ☒ Define cross-filter direction between related tables.
- ☐ Apply conditional formatting to visualizations.