

Power BI Fundamental Assessment

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TE MARKS (/PACKAGE-COST-DETAILS/REGENERATE-MARKS?STUDENTID=20453&ASSESSMENTID=201074)

Score Obtained: RETAKE (/PACKAGE-COST-DETAILS/#) VIEW REPORT
44/50 (88%)

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. Why Power BI used in data analytics? 1/1 ATTEMPTED

- Because of its integration with excel
- Because of it is allowing developer to connect real time data
- Because of its powerful DAX feature
- All of these

3.

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

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

0/1

ATTEMPTED

Power Q/A

Power View

Power Query editor

Both B,C

5.

Which of the following is not self serviced BI tools?

MS Power BI

1/1

ATTEMPTED

Tableau

QlikSense

SAP BO

6.

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

7.

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

- Parameter
- Attribute
- Variable
- All of these

1/1

ATTEMPTED

8.

_____ tables store data about events and _____ tables store data about business entities.

- Star, Business
- Fact, Business
- Star, Dimension
- Fact, Dimension

1/1

ATTEMPTED

9.

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

10.

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

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

1/1

ATTEMPTED

11. Means modifying it in some way to meet your needs - for example, you could remove a column, change a data type, or merge tables - each of which is a data transformation

1/1

ATTEMPTED

- Share data
- Get Data
- Connect Data
- Transform data

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

1/1

ATTEMPTED

Add Column from Example

Add Index Column

Add Conditional Column

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

15.

What are different ways to check column statistics

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

1/1

ATTEMPTED

16.

What Are The Different Views In Power BI Desktop?

- Report
- Model
- Data
- All of these

1/1

ATTEMPTED

17. What are the components of power BI

1/1

ATTEMPTED

- Power Map

Power View

Power Pivot

All of these

18.

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

SAP BO 1/1 ATTEMPTED

Tableau

Qlik Sense

Power BI

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 without 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 is a collection of visualizations that appear together on one or more pages?

Dashboard

0/1

ATTEMPTED

Tiles

Reports

Datasets

22.

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

Visual-level Filters

1/1

ATTEMPTED

Page-level Filters

Report-level Filters

All of the above

23.

Which tool of Power BI helps you to create geospatial representations of your data?

Power Query

1/1

ATTEMPTED

Power Map

Power View

Power Pivot

24. To create dashboard in PowerBI,which component is used 1/1

ATTEMPTED

Power Q/A

Power View

Power Query editor

Power Pivot

25.

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

26.

Which Power Query operation is similar to SQL Join?

Merge

1/1

ATTEMPTED

Append

- Pivot
- All of these

27.

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

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

1/1

ATTEMPTED

28.

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

0/1

ATTEMPTED

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

ATTEMPTED

Power Pivot

1/1

Power query

Power View

Power MS

30. 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

31. 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

32. Which file format can Power Query import data from?

1/1

ATTEMPTED

.txt

.csv

.xlsx

all of the above

33. 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

34. Which of the following is a method to create a new column in Power Query Editor?

1/1 ATTEMPTED

Using the "Add Custom Column" feature

Importing a new data source

Using the "Merge Queries" option

Changing column data types

35. Which of the following statements about custom functions in Power BI is correct?

1/1 ATTEMPTED

Custom functions can only be created using Power Query Editor.

Custom functions in Power BI are static and cannot accept parameters.

- Custom functions can be reused across different Power BI reports.
- Custom functions are limited to performing simple arithmetic calculations.

36. Which of the following statements about invoking custom columns in Power BI is correct?

1/1 ATTEMPTED

- Invoking custom columns requires writing complex DAX expressions.
- Invoking custom columns allows for creating visualizations directly from the custom column.
- Invoking custom columns can only be done after loading data into Power BI.
- Invoking custom columns is done during data loading using Power Query Editor.

37. Which of the following statements about creating columns from examples in Power BI is correct?

1/1 ATTEMPTED

- Creating columns from examples is only possible for numerical data.
- Creating columns from examples requires writing complex DAX formulas.
- Creating columns from examples is done using Power Query Editor.
- Creating columns from examples can only be applied to data from Excel files.

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. Which of the following statements about pivoting and unpivoting columns in Power BI is correct?

1/1 ATTEMPTED

- Both pivoting and unpivoting columns are performed using DAX expressions.
- Pivoting columns is used for creating hierarchical data structures.
- Unpivoting columns is used for creating summary reports.
- Pivoting and unpivoting columns are data transformation operations performed in Power Query Editor.

40. 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.

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 creating custom columns in Power BI is correct? 1/1 ATTEMPTED

- Custom columns can only be created using DAX formulas.
- Custom columns are static and cannot change based on conditions.
- Custom columns are created during the data loading phase using Power Query Editor.
- Custom columns are used for removing duplicate values from a dataset.

43. When would you use a conditional column in Power BI? 1/1 ATTEMPTED

- To create a column that displays values based on a fixed calculation.
- To apply specific formatting to a column based on its values
- To filter rows based on a specific condition.
- To create a column that changes values based on defined conditions.

44. 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.

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. When would you typically use the Relationships view in Power BI Desktop?

1/1

ATTEMPTED

- To define connections to external data sources.
- To create calculated measures and columns.
- To visualize and manage relationships between tables.
- To apply conditional formatting to visualizations.

47. Which of the following statements best describes a star schema in Power BI?

1/1

ATTEMPTED

- A star schema consists of a central fact table connected to multiple dimension tables.
- A star schema contains multiple fact tables connected together in a star-like structure.
- A star schema is a schema where each dimension table is connected to multiple fact tables
- A star schema does not use relationships between tables

48. 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

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.

