

# Power BI Fundamental Assessment

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**Score Obtained:**  
**44/50 (88%)**

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**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

1/1

ATTEMPTED

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

10.

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

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

1/1

ATTEMPTED

- ☐ Add Custom Column
- ☐ 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. 0/1 ATTEMPTED
- ☐ 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**

- ☐ Power Map

1/1

ATTEMPTED

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

18.

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

1/1

ATTEMPTED

- ☒ SAP BO
- ☐ 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 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?

1/1

ATTEMPTED

- ☐ Tableau Desktop
- ☐ 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 componet is used<sup>1/1</sup>**

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.
- ☐ In Query Editor, add a calculated column that totals the sales amount column.
- ☐ 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.

