Power BI Final Assessment

TE MARKS (/PACKAGE-COST-DETAILS/REGENERATE-MARKS?STUDENTID=20453&ASSESSMENTID=201087)

Score Obtained: 44/50 (88%)

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Which of the following tools can be used by businesses to input huge quantities of data?

0/1   ATTEMPTED

○ Microsoft Power BI

● Microsoft Excel

○ Microsoft Word

○ Microsoft Powerpoint

2. Which is an important feature of PowerBI architecture   0/1   ATTEMPTED

○ Data Sets

○ Applied steps

○ Virtual Gateways

● DAX queries

3.

Which of the following is the not an advantage of the BI?

○ Boost Productivity 1/1

○ Streamlines business processes

◉ Time Consuming Implementation

○ Allows for easy analytics

4. What are the components of power BI 1/1

○ Power Map

○ Power View

○ Power Pivot

◉ All of these

5.
Which of the following stores a value that can be used for transformations in Power Query?

◉ Parameter 1/1

○ Attribute

○ Variable

○ All of these

6.
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.

7. What are the components of power BI

○ Power Map

○ Power View

○ Power Pivot

● All of these

8.
Which of the following is a visual in Power BI?

○ Bar Chart

○ Pie Chart

○ Map

● All of these

9.

_____ is a numeric field and _____ is a categorical field

1/1 ATTEMPTED

- ⦿ Measure, Dimension

- ◯ Column, Dimension

- ◯ Measure, Calculation

- ◯ Dimension, Measure

10. I want to see top 10 kind of information/metric. What visual di you use?

1/1 ATTEMPTED

- ◯ Pie Chart

- ◯ Scatter Plot

- ◯ TreeMap

- ⦿ Bar chart

11. 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

12.

Which of the following is a collection of visualizations that appear together on one or more pages?

○ Dashboard

○ Tiles

◉ Reports

○ Datasets

13.

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

○ Power Query

◉ Power Map

○ Power View

○ Power Pivot

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

○ Power Pivot

◉ Power query

○ Power View

○ Power MS

15.
Which of the following is a visual in Power BI?

1/1 ATTEMPTED

○ Bar Chart

○ Pie Chart

○ Map

● All of these

16.
After creating a new DAX measure in a table of data, how is this measure seen in the table view of Power BI

0/1 ATTEMPTED

○ The DAX measure shows up looking like any other column that was imported in the data table.

● The new DAX measure shows up in the name of the column, but the fields themselves are empty.

○ DAX measures show up the data table as multiple columns.

○ DAX measures cannot be seen, even as column names, in the data table they have been added to.

17. Can DAX be used to modify the data in a table?

1/1 ATTEMPTED

○ Yes

● No

○ Can't say

○

None of these

18. 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

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

1/1   ATTEMPTED

○ sql

◉ m

○ dax

○ r

20. 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

21. Which of the following statements best describes a snowflake schema in Power BI?

○ A snowflake schema consists of a central fact table connected to multiple dimension tables.

○ A snowflake schema contains multiple fact tables connected together in a snowflake-like structure.

○ A snowflake schema is a schema where each dimension table is connected to multiple fact tables.

◉ A snowflake schema has dimension tables normalized into multiple related tables.

22. Which of the following statements best describes M Query and DAX Query in Power BI?

◉ M Query is used for data transformation, while DAX Query is used for data modeling.

○ M Query is used for data modeling, while DAX Query is used for data transformation.

○ M Query and DAX Query are interchangeable terms for the same data manipulation process.

○ M Query and DAX Query both refer to the data visualization aspect in Power BI.

23. Which of the following is a similarity between M Query and DAX Query in Power BI?

○ Both are used for data modeling.

○ Both are used for creating visualizations.

◉ Both are used for transforming data.

○ Both are used for defining relationships between tables.

24. Which DAX function is used to find the position of one text string within another, starting from a specified position?

1/1   ATTEMPTED

○ SEARCH

◉ FIND

○ CONTAINS

○ POSITION

25. Which of the following statements about the CALCULATE function in DAX is true?

0/1   ATTEMPTED

○ It always resets the filter context before applying new filters.

○ It cannot be used to modify the filter context.

○ It only works with numerical data.

◉ It applies the specified filters to all tables in the data model.

26. What does the CALCULATE function return if no additional filters are applied?

1/1   ATTEMPTED

◉ The original result without any changes.

○ An error message indicating missing arguments.

○ A blank value.

○ It depends on the context.

27. Which of the following is a valid use case for the CALCULATE function in Power BI?

1/1　ATTEMPTED

○ Creating relationships between tables.

○ Defining calculated columns.

◉ Filtering data based on user input.

○ Creating visualizations.

28. Which of the following is a key advantage of using interactive visuals in Power BI?

1/1　ATTEMPTED

○ They require advanced programming skills to create.

◉ They allow users to explore data and ask ad-hoc questions.

○ They can only display static images.

○ They consume more memory and processing power.

29. What is a consideration when using the Q&A feature with a live connection to data sources?

1/1　ATTEMPTED

◉ It requires regular data refreshing.

○ It supports offline data access.

○ It uses cached data for faster response.

○ It doesn't support data visualization.

30. Which of the following is a benefit of using the Q&A feature in Power BI?

1/1   ATTEMPTED

○ It requires no prior knowledge of data modeling.

○ It supports complex DAX calculations.

○ It allows direct SQL queries to the data source.

○ It provides advanced data visualization options.

31. Which platform does the Power BI Mobile App support?

1/1   ATTEMPTED

○ Android only

○ iOS only

◉ Android and iOS

○ Windows Phone only

32. What functionality does the Power BI Mobile App offer regarding report viewing?

1/1   ATTEMPTED

○ Only offline viewing

◉ Both online and offline viewing

○ Only online viewing

○ Limited to specific report types

33. What is Key Influencers visualization in Power BI primarily used for?

○ Creating complex SQL queries

◉ Analyzing factors that influence a particular metric

○ Generating maps and geographic insights

○ Creating pivot tables

34. True or False: Key Influencers in Power BI can only analyze numerical data.

○ True

◉ False

○ -

○ -

35. Key Influencers in Power BI is most beneficial for:

○ Visualizing hierarchical data structures

◉ Identifying patterns and trends in data

○ Creating animated reports

○ Exporting data to Excel

36. Which of the following statements about app.powerbi.com is NOT true?

◉ It requires installation on local machines.

○ It provides cloud-based access to Power BI.

○ It allows sharing and collaboration on Power BI content.

○ It supports mobile access to reports and dashboards.

37. What is the purpose of Power BI workspaces in app.powerbi.com?

1/1 ATTEMPTED

○ Creating dataflows

◉ Managing and collaborating on content

○ Writing custom visuals

○ Importing data from external sources

38. True or False: Scheduled Refresh in Power BI can be configured to refresh datasets based on dependencies between datasets. 1/1 ATTEMPTED

◉ True

○ False

○ -

○ -

39. Which role in an organization is most likely to benefit from using Dataflows in Power BI?

1/1 ATTEMPTED

◉ Business analysts

○ Network administrators

○ Customer support representatives

○ Software developers

40. Which of the following statements about Dataflows in Power BI is NOT true?

1/1   ATTEMPTED

○ Dataflows can integrate data from various sources.

○ Dataflows can perform data transformation operations.

◉ Dataflows require installation of Power BI Desktop.

○ Dataflows can be scheduled to refresh data automatically.

41. In Power BI from online, what can users do with shared datasets?

1/1   ATTEMPTED

○ Only view reports based on the dataset

○ Modify the dataset schema

◉ Create new reports and dashboards based on the dataset

○ Export the dataset to Excel

42. To use Power BI from online, users need to:

1/1   ATTEMPTED

○ Download and install Power BI Desktop

◉ Have a web browser and an internet connection

○ Have an Office 365 subscription

○

Only use mobile devices

43. What does the "On-Premises Data Gateway" allow users to do in Power BI?

1/1 ATTEMPTED

○ Access data stored only on local machines

○ Share reports publicly via a URL

○ Publish reports to web applications

◉ Access on-premises data sources securely from Power BI Service

44. Which role typically installs and configures Data Gateway in an organization?

1/1 ATTEMPTED

○ End-users consuming reports

◉ Data engineers or IT administrators

○ Power BI report creators

○ External consultants

45. In Power BI, what happens if a scheduled refresh fails due to Data Gateway issues?

1/1 ATTEMPTED

○ The dataset is automatically deleted

◉ An error notification is sent to the admin

○ Reports become read-only

○ The refresh is attempted again automatically after a specified delay

46. To use Live Connection in Power BI, users need to: 1/1   [ATTEMPTED]

○ Use Power BI Desktop

○ Have a web browser and an internet connection

◉ Install Data Gateway

○ Purchase a Premium Per User (PPU) license

47. Which of the following data sources does DirectQuery support in Power BI?   1/1   [ATTEMPTED]

○ Only cloud-based data sources

○ Only SQL Server databases

◉ Both cloud-based and on-premises data sources

○ Only Excel files

48. Which of the following actions can be performed through the Gateway Configuration Manager?   0/1   [ATTEMPTED]

○ Creating new reports

◉ Scheduling data refresh

○ Managing firewall settings

○ Installing Power BI Desktop

49. If an organization wants to manage and monitor multiple gateways centrally, which Gateway mode should they use?

1/1   ATTEMPTED

○ Personal Mode Gateway

○ On-premises Data Gateway

◉ Enterprise Gateway

○ Shared Gateway

50. Which component of Power BI manages the communication between the cloud service and on-premises data sources via the Gateway?

1/1   ATTEMPTED

◉ Power BI Gateway Service

○ Power BI Data Gateway

○ Power BI Bridge

○ Power BI On-premises Connector