Power BI Interview Questions

1. What is Power BI, and how does it work?
2. What are the different components of Power BI?
3. Explain the difference between Power BI Desktop and Power BI Service.
4. What are the steps involved in creating a report in Power BI?
5. How do you connect to data sources in Power BI?
6. What is the Power Query Editor, and what can you do with it?
7. How do you transform and shape data using Power Query Editor?
8. What is a data model in Power BI?
9. How do you create relationships between tables in Power BI?
10. What are calculated columns in Power BI, and how do you create them?
11. What is DAX (Data Analysis Expressions), and why is it important in Power BI?
12. What are measures in Power BI, and how do you create them?
13. How do you create visualizations in Power BI?
14. What are the different types of charts available in Power BI?
15. Explain the concept of drill-through in Power BI.
16. How do you create a hierarchy in Power BI?
17. What are the different ways to filter data in Power BI?
18. How do you create calculated tables in Power BI?
19. Explain the difference between row-level security and object-level security in Power BI.
20. How do you create and use bookmarks in Power BI?
21. What are the different types of relationships in Power BI, and how do you manage them?
22. How do you create custom visuals in Power BI?
23. What is Power BI Report Server, and how is it different from Power BI Service?
24. How do you create dashboards in Power BI?
25. What are the different data refresh options in Power BI?
26. How do you schedule data refresh in Power BI Service?
27. What is the difference between DirectQuery and Import data connectivity modes in Power BI?
28. How do you create and use slicers in Power BI?
29. What is the difference between a calculated column and a measure in Power BI?
30. How do you create custom functions in Power BI using M language?
31. What are the different ways to share Power BI reports with others?
32. How do you set up row-level security in Power BI?
33. Explain the concept of aggregations in Power BI.
34. How do you create and use parameters in Power BI?
35. What is the Power BI API, and how can it be used?
36. How do you create and use custom visuals from the Power BI marketplace?
37. What are the limitations of Power BI?
38. How do you optimize the performance of a Power BI report?
39. How do you handle large datasets in Power BI?
40. How do you create a calculated measure in DAX?
41. Explain the difference between calculated columns and measures in Power BI.
42. How do you use the CALCULATE function in DAX?
43. How do you handle error handling in Power Query?
44. What are the different ways to import data into Power BI?
45. How do you handle data transformations in Power Query?

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46. What is the difference between a calculated table and a regular table in Power BI?
47. How do you create a custom visual using the Power BI SDK?
48. Explain the concept of query folding in Power Query.
49. How do you create a custom theme in Power BI?
50. What is the Power BI gateway, and when is it required?
51. How do you create and use hierarchical slicers in Power BI?
52. Explain the concept of row context and filter context in DAX.
53. How do you create and use bookmarks in Power BI Desktop?
54. What is the difference between Power BI Pro and Power BI Premium?
55. How do you connect to an on-premises data source in Power BI Service?
56. How do you handle data security in Power BI?
57. What are the different ways to visualize geographic data in Power BI?
58. Explain the concept of calculated tables and calculated columns in Power BI.
59. How do you create and use dynamic titles in Power BI visuals?
60. What is the Power BI mobile app, and how can it be used?
61. How do you use the R script visual in Power BI?
62. What is Power BI Embedded, and how can it be used?
63. How do you handle data lineage and data lineage views in Power BI?
64. What is the Power BI dataflow, and how can it be used?
65. How do you create and use aggregations in Power BI Premium?
66. Explain the concept of query folding in Power Query Editor.
67. How do you handle query dependencies in Power BI?
68. What is the Power BI data gateway, and how does it work?
69. How do you create and use custom connectors in Power BI?
70. What is the difference between calculated columns and measures in DAX?
71. How do you create and use hierarchy slicers in Power BI Desktop?
72. What are the different options for publishing and sharing Power BI reports?
73. How do you create and use custom visuals in Power BI Desktop?
74. Explain the concept of row-level security in Power BI.
75. How do you handle query parameters in Power Query?
76. What is the difference between calculated columns and calculated tables in Power BI?
77. How do you create and use drillthrough actions in Power BI?
78. What is the Power BI REST API, and how can it be used?
79. How do you create and use custom themes in Power BI Desktop?
80. What is the Power BI service principal, and how does it work?
81. How do you create and use dynamic measures in Power BI?
82. Explain the concept of Power BI dataflows and their benefits.
83. How do you create and use row-level security in Power BI Desktop?
84. What is the Power BI administrator role, and what are its responsibilities?
85. How do you handle complex transformations in Power Query?
86. What is the difference between Power BI Pro and Power BI Premium Per User?
87. How do you use the Python script visual in Power BI?
88. How do you handle data refresh failures in Power BI?
89. What are the different ways to export data from Power BI?
90. How do you create and use page tooltips in Power BI Desktop?
91. Explain the concept of incremental refresh in Power BI.
92. How do you create and use Power BI apps?

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93. What is the Power BI gateway cluster, and how does it work?
94. How do you create and use custom connectors in Power Query Editor?
95. What is the difference between calculated columns and calculated tables in DAX?
96. How do you create and use drillthrough filters in Power BI Desktop?
97. Explain the concept of aggregations and aggregations designs in Power BI Premium.
98. How do you create and use advanced data transformations in Power Query?
99. What is the Power BI Developer API, and how can it be used?
100. How do you handle query folding for custom connectors in Power Query?
101. What is the difference between Power BI datasets and dataflows?
102. How do you create and use composite models in Power BI Desktop?
103. Explain the concept of RLS (Row-Level Security) templates in Power BI.
104. How do you handle query folding for SQL Server queries in Power Query?
105. What is the Power BI XMLA endpoint, and how can it be used?
106. How do you create and use dynamic visuals in Power BI?
107. What is the Power BI administrator portal, and what features does it offer?
108. How do you handle complex data modeling scenarios in Power BI?
109. What is the difference between calculated columns and calculated measures in Power BI?
110. How do you create and use bookmarks in Power BI Service?
111. Explain the concept of composite models and their benefits in Power BI.
112. How do you handle query folding for SharePoint lists in Power Query?
113. What is the Power BI deployment pipeline, and how can it be used?
114. How do you create and use custom connectors in Power BI Desktop?
115. What is the difference between Power BI Premium and Power BI Embedded?
116. How do you handle query folding for web data sources in Power Query?
117. What is the Power BI paginated report, and how does it differ from Power BI reports?
118. How do you create and use Power BI dataflows in Power BI Desktop?
119. Explain the concept of DirectQuery and its limitations in Power BI.
120. How do you handle query folding for JSON data sources in Power Query?
121. What is the Power BI DirectQuery mode, and when should it be used?
122. How do you create and use custom data connectors in Power BI Desktop?
123. What is the difference between calculated columns and measures in DAX formulas?
124. How do you handle query folding for SAP HANA data sources in Power Query?
125. What is the Power BI administrator API, and how can it be used?
126. How do you create and use query parameters in Power BI Desktop?
127. Explain the concept of Power BI streaming datasets and their use cases.
128. How do you handle query folding for Oracle databases in Power Query?
129. What is the Power BI paginated report builder, and how can it be used?
130. How do you create and use query functions in Power Query Editor?
131. What is the difference between calculated columns and calculated tables in DAX?
132. How do you handle query folding for Excel workbooks in Power Query?
133. What is the Power BI audit log, and what information does it provide?
134. How do you create and use query parameters in Power Query Editor?
135. Explain the concept of Power BI composite models and their benefits.
136. How do you handle query folding for SharePoint Online lists in Power Query?
137. What is the Power BI developer portal, and what features does it provide?
138. How do you create and use query groups in Power Query Editor?

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139.   What is the difference between calculated columns and measures in DAX formulas?
140.   How do you handle query folding for SQL Server Analysis Services in Power Query?
141.   What is the Power BI service principal API, and how can it be used?
142.   How do you create and use query functions in Power Query Editor?
143.   Explain the concept of Power BI aggregations and their benefits.
144.   How do you handle query folding for Azure SQL Database in Power Query?
145.   What is the Power BI premium capacity, and how does it work?
146.   How do you create and use query parameters in Power Query Editor?
147.   What is the difference between calculated columns and calculated tables in DAX?
148.   How do you handle query folding for SharePoint folders in Power Query?
149.   What is the Power BI developer API reference, and how can it be used?
150.   How do you create and use query functions in Power Query Editor?
151.   Explain the concept of Power BI incremental refresh and its benefits.
152.   How do you handle query folding for OData data sources in Power Query?
153.   What is the Power BI service principal API reference, and how can it be used?
154.   How do you create and use query parameters in Power Query Editor?
155.   What is the difference between calculated columns and measures in DAX formulas?
156.   How do you handle query folding for Azure Data Lake Storage in Power Query?
157.   What is the Power BI administrator portal API, and how can it be used?
158.   How do you create and use query functions in Power Query Editor?
159.   Explain the concept of Power BI live connections and their benefits.
160.   How do you handle query folding for SharePoint lists with folder structure in Power Query?
161.   What is the Power BI paginated report builder API, and how can it be used?
162.   How do you create and use query parameters in Power Query Editor?
163.   What is the difference between calculated columns and calculated tables in DAX?
164.   How do you handle query folding for Azure SQL Data Warehouse in Power Query?
165.   What is the Power BI XMLA endpoint API, and how can it be used?
166.   How do you create and use query functions in Power Query Editor?
167.   Explain the concept of Power BI real-time streaming datasets and their use cases.
168.   How do you handle query folding for Dynamics 365 data sources in Power Query?
169.   What is the Power BI deployment pipeline API, and how can it be used?
170.   How do you create and use query parameters in Power Query Editor?
171.   What is the difference between calculated columns and measures in DAX formulas?
172.   How do you handle query folding for SAP BW data sources in Power Query?
173.   What is the Power BI direct query API, and how can it be used?
174.   How do you create and use query functions in Power Query Editor?
175.   Explain the concept of Power BI dataflows and their use cases.
176.   How do you handle query folding for SharePoint folders with multiple files in Power Query?
177.   What is the Power BI administrator API reference, and how can it be used?
178.   How do you create and use query parameters in Power Query Editor?
179.   What is the difference between calculated columns and calculated tables in DAX?
180.   How do you handle query folding for Azure Data Lake Storage Gen2 in Power Query?
181.   What is the Power BI embedded API, and how can it be used?
182.   How do you create and use query functions in Power Query Editor?
183.   Explain the concept of Power BI composite models and their use cases.

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