68 Power BI interview questions to ask your next candidate

Questions

1. How do you handle data modeling in Power BI?

2. Can you explain the difference between Power BI Desktop and Power BI Service?

3. How do you ensure data security and privacy in Power BI?

4. What are some common challenges you have faced while working with Power BI, and how did you overcome them?

5. How do you handle performance optimization in Power BI reports?

6. Can you describe the process of creating a dashboard in Power BI?

7. How do you manage data refresh schedules in Power BI?

8. What is your approach to creating calculated columns and measures in Power BI?

9. How do you create and use Power Query to transform data in Power BI?

10. Can you explain the purpose of DAX in Power BI and provide an example of its application?

11. What methods do you use to visualize data effectively in Power BI?

12. How do you handle different data sources in Power BI?

13. What is the significance of hierarchies in Power BI, and how do you implement them?

14. Can you explain the difference between a calculated column and a measure in Power BI?

15. How do you create a report that is accessible and user-friendly for business users?

16. What strategies do you employ to ensure your Power BI reports are mobile-friendly?

17. How do you approach data storytelling in your Power BI dashboards?

18. Can you describe a time when you had to troubleshoot a report issue in Power BI?

19. How would you approach implementing row-level security in Power BI?

20. Can you explain the concept of bidirectional cross-filtering in Power BI and when you might use it?

21. How would you optimize a Power BI report that's performing slowly?

22. Describe a situation where you had to use DAX to solve a complex business problem. What was your approach?

23. How would you implement incremental refresh in Power BI, and what are its benefits and limitations?

24. How do you approach data modeling in Power BI for complex scenarios involving multiple fact tables?

25. Explain how you would use Power BI Dataflows to improve the overall BI architecture in an organization.

26. How would you implement dynamic currency conversion in a Power BI report?

27. Describe how you would use Power BI's AI features to enhance a sales analysis report.

28. How do you determine the best type of visualization for a given dataset in Power BI?

29. Can you walk me through the process of creating and customizing a bar chart in Power BI?

30. How do you use slicers in Power BI to enhance interactivity in your reports?

31. What are bookmarks in Power BI and how do you use them in storytelling?

32. Describe how you would use conditional formatting in Power BI to highlight key insights.

33. How do you handle large datasets in Power BI to ensure your visualizations remain responsive?

34. Can you explain how to use the drill-through feature in Power BI?

35. What are some best practices for designing an intuitive Power BI dashboard?

36. How do you use themes in Power BI to standardize the appearance of your reports?

37. Explain how you would incorporate custom visuals into a Power BI report.

38. How do you use tooltips to add additional context to your visualizations in Power BI?

39. Describe a situation where you used advanced chart types, such as waterfall or funnel charts, in Power BI to solve a specific business problem.

40. Can you explain the difference between a calculated column and a calculated measure in DAX?

41. How would you create a running total in Power BI using DAX?

42. Can you describe the use of the CALCULATE function in DAX?

43. How do you use time intelligence functions in DAX for year-over-year analysis?

44. Explain how you would use the FILTER function in a DAX expression.

45. What are the different types of context in DAX (row context, filter context, etc.), and why are they important?

46. Can you provide an example of how to use the RELATED function in DAX?

47. How would you handle many-to-many relationships in Power BI using DAX?

48. Explain the difference between SUMX and SUM in DAX.

49. How would you create a dynamic ranking in a Power BI report using DAX?

50. Can you describe how to use the SWITCH function in DAX?

51. What is the purpose of the ALL function in DAX, and how would you use it?

52. How do you optimize DAX queries for better performance?

53. Explain how you would write a measure to calculate the percentage of total sales in Power BI using DAX.

54. Can you explain the significance of data modeling in Power BI?

55. How do you handle relationships between tables in Power BI?

56. What are some best practices for designing a data model in Power BI?

57. How do you ensure data quality and consistency in your Power BI data models?

58. Can you describe the process of creating and using calculated tables in Power BI?

59. What strategies do you employ to handle large datasets in Power BI?

60. Can you explain the role of hierarchies in a Power BI data model?

61. How do you approach the design of a Power BI report to ensure it meets business requirements?

62. How do you handle data sources with inconsistent or incomplete data when generating Power BI reports?

63. What strategies do you use to make your Power BI reports interactive and user-friendly?

64. Can you describe how you would use Power BI to create a report that helps identify trends over time?

65. How do you ensure that your Power BI reports are optimized for performance?

66. How do you handle the need for different versions of a report for different user roles in Power BI?