



Power BI

# Interview Questions





1. What type of data visualization does a "Filled Map" represent in Power BI?

- A. Bar Chart
- B. Line Chart
- C. Map Chart
- D. Scatter Plot
- Answer: C. Map Chart

2. Which visual type is suitable for representing data geographically with proportional segments in Power BI?

- A. Donut Chart
- B. Stacked Column Chart
- C. Map with Pie Chart
- D. Funnel Chart
- Answer: C. Map with Pie Chart

3. In Power BI, what does formatting in a map visualization typically include?

- A. Changing colors and fonts
- B. Adjusting the size of the map
- C. Adding new data sources
- D. Sorting data in the map
- Answer: A. Changing colors and fonts

4. How can you change the background style of a map in Power BI?

- A. By adjusting the transparency of the map
- B. By selecting a predefined map theme
- C. By changing the map's color scheme
- D. By adding a custom background image
- Answer: B. By selecting a predefined map theme

5. Which feature allows you to filter data specific to a region on a map in Power BI?

- A. Drillthrough
- B. Cross-filter
- C. Slicer



- D. Data categorization
  - Answer: A. Drillthrough
6. What is the purpose of the "Map of India" visualization in Power BI?
- A. To show the distribution of data across Indian states
  - B. To display a world map with a focus on India
  - C. To represent Indian cities in a map format
  - D. To create a heat map specific to India
  - Answer: A. To show the distribution of data across Indian states
7. In a Power BI map, how can you customize the legend for better clarity?
- A. By adjusting the legend's position on the map
  - B. By creating a custom legend using DAX
  - C. By hiding the legend for a cleaner look
  - D. By adding data labels to the legend
  - Answer: B. By creating a custom legend using DAX
8. What role does the "Shape Map" play in Power BI mapping visualizations?
- A. It allows custom shapes for data representation
  - B. It defines the overall shape of the map
  - C. It modifies the background shape of the map
  - D. It shapes the appearance of individual data points
  - Answer: A. It allows custom shapes for data representation
9. How can you integrate live, real-time data into a map visualization in Power BI?
- A. By manually updating the data source
  - B. By using Power Automate (Flow)
  - C. By scheduling automatic refresh
  - D. By importing data directly into the map
  - Answer: B. By using Power Automate (Flow)
10. Which Power BI map visualization is suitable for comparing values across different geographic locations?
- A. Filled Map

- B. Funnel Chart
- C. Gauge Chart
- D. Stacked Bar Chart
- Answer: A. Filled Map

11. What is the primary purpose of the "Map with Pie Chart" visualization in Power BI?

- A. Displaying demographic information
- B. Representing data with proportional segments
- C. Showing temperature variations on a map
- D. Creating a 3D effect on the map
- Answer: B. Representing data with proportional segments

12. How can you enhance the readability of labels on a Power BI map?

- A. By increasing the font size globally
- B. By adjusting the color of the labels
- C. By using data labels strategically
- D. By adding shadows to the labels
- Answer: C. By using data labels strategically

13. In Power BI, what does the term "Data Categorization" refer to in the context of map visualizations?

- A. Assigning colors to data points
- B. Grouping data into categories
- C. Sorting data based on categories
- D. Adding custom icons to data points
- Answer: B. Grouping data into categories

14. When is it advisable to use a "Map of Australia" visualization in Power BI?

- A. When the dataset contains only Australian data
- B. To highlight specific regions in Australia
- C. To compare data between Australia and other countries
- D. When creating a global map with a focus on Australia
- Answer: B. To highlight specific regions in Australia

15. What is the significance of the "Shape Map" feature in Power BI compared to standard map visualizations?

- A. It allows for more advanced formatting options
- B. It enables the use of custom map shapes
- C. It provides additional map layering capabilities
- D. It simplifies the process of background customization
- Answer: B. It enables the use of custom map shapes

16. Which Power BI map visualization is suitable for displaying data points with varying sizes?

- A. Filled Map
- B. Stacked Bar Chart
- C. Scatter Plot
- D. Funnel Chart
- Answer: C. Scatter Plot

17. What is the primary function of the "Map with Bubble Chart" in Power BI?

- A. Representing data with bubbles of different sizes
- B. Showing geographical regions in a bubble format
- C. Creating a 3D effect on the map
- D. Highlighting specific points on the map
- Answer: A. Representing data with bubbles of different sizes

18. In Power BI, what does the term "Layering" refer to in the context of map visualizations?

- A. Adding multiple maps to a single report
- B. Overlaying different map types for better insights
- C. Adjusting the transparency of the map
- D. Creating custom map shapes
- Answer: B. Overlaying different map types for better insights

19. How can you add a custom background image to a map in Power BI?

- A. Importing an image directly onto the map
  - B. Using Power Automate (Flow)
  - C. Adjusting the map theme settings
  - D. It is not possible to add custom background images
  - Answer: A. Importing an image directly onto the map
20. What is the advantage of using the "Map Layers" feature in Power BI?
- A. It allows the integration of real-time data
  - B. It facilitates the creation of 3D maps
  - C. It provides additional contextual information
  - D. It improves the overall map rendering speed
  - Answer: C. It provides additional contextual information
21. How can you create a custom map shape in Power BI?
- A. By adjusting the background image
  - B. By importing a custom SVG file
  - C. By modifying the map theme
  - D. By using a predefined shape library
  - Answer: B. By importing a custom SVG file
22. What is the primary purpose of the "Filled Map" visualization in Power BI?
- A. Displaying data distribution with filled shapes
  - B. Creating 3D effects on the map
  - C. Highlighting specific points on the map
  - D. Showing hierarchical data in a tree map format
  - Answer: A. Displaying data distribution with filled shapes
23. In a Power BI map, what does the size of a bubble represent in the "Map with Bubble Chart" visualization?
- A. Geographic area covered by a region
  - B. Population density of a region
  - C. Data value associated with a location
  - D. Distance between two data points
  - Answer: C. Data value associated with a location



24. How does the "Map of India" visualization in Power BI differ from a standard map?

- A. It displays only Indian cities
- B. It allows custom formatting of India's map
- C. It highlights specific regions in India
- D. It shows a 3D representation of India
- Answer: B. It allows custom formatting of India's map

25. What is the significance of the "ArcGIS Maps" feature in Power BI?

- A. It allows integration with real-time data
- B. It provides access to additional map layers
- C. It enables the creation of custom map shapes
- D. It enhances the map's color palette
- Answer: B. It provides access to additional map layers

26. How can you use the "Synthetic Data" option in Power BI to enhance map visualizations?

- A. It generates realistic data for maps
- B. It creates custom map themes
- C. It simulates real-world scenarios for testing
- D. It allows the import of external data sources
- Answer: C. It simulates real-world scenarios for testing

27. What are the considerations when selecting a background map theme in Power BI?

- A. Color contrast and readability
- B. Number of data points on the map
- C. Integration with external APIs
- D. Map rendering speed
- Answer: A. Color contrast and readability

28. What is the purpose of the "Mapbox" integration in Power BI?

- A. It provides access to additional map layers
- B. It allows customization of map symbols

- C. It enhances map rendering speed
  - D. It enables 3D mapping in Power BI
  - Answer: B. It allows customization of map symbols
29. In Power BI, how can you add a legend to a map visualization?
- A. Through the "Format" pane settings
  - B. By using a separate text box
  - C. By importing an image as a legend
  - D. Legends are not applicable to maps
  - Answer: A. Through the "Format" pane settings
30. What does the "Map of Australia" visualization offer in Power BI?
- A. It provides detailed demographics of Australian cities
  - B. It allows customization of the Australian map
  - C. It highlights major landmarks in Australia
  - D. It displays data points specific to Australia
  - Answer: D. It displays data points specific to Australia
31. How can you use the "Heat Map" feature in Power BI to enhance map visualizations?
- A. It highlights specific regions on the map
  - B. It represents data density with color intensity
  - C. It creates 3D effects on the map
  - D. It shows a historical timeline of data points
  - Answer: B. It represents data density with color intensity
32. What considerations should be taken into account when using the "Map Layers" feature in Power BI for complex data visualizations?
- A. Integration with external data sources
  - B. Color scheme and readability
  - C. The number of layers for optimal performance
  - D. Customization of legend symbols
  - Answer: C. The number of layers for optimal performance





33. How can the "Drillthrough" feature in Power BI be utilized to enhance map insights?

- A. It allows users to navigate to specific geographic regions
- B. It integrates external data for detailed analysis
- C. It facilitates collaboration on map projects
- D. It generates reports with a 360-degree view of the map
- Answer: A. It allows users to navigate to specific geographic regions

35. What is the primary purpose of a "Filled Map" in Power BI?

- A. Displaying unconnected data points
- B. Representing data using color intensity
- C. Highlighting individual data values
- D. Creating 3D visualizations
- Answer: B. Representing data using color intensity

36. How does a "Filled Map" differentiate between regions with varying data values?

- A. By adjusting font size
- B. Through color gradients
- C. Using different shapes for data points
- D. By displaying numeric labels
- Answer: B. Through color gradients

37. In Power BI's "Filled Map," what does the saturation of color represent?

- A. Population density
- B. Temperature variations
- C. Data hierarchy levels
- D. Time-based trends
- Answer: A. Population density

38. How can you customize the legend in a "Filled Map" to improve data interpretation?

- A. By adjusting the legend's font style
- B. Through the "Format" pane settings

- C. Adding custom shapes to the legend
- D. Legends are not customizable in "Filled Maps"
- Answer: B. Through the "Format" pane settings

39. Explain the significance of the "Advanced Controls" in the "Filled Map" settings.

- A. They allow for 3D map rotations
- B. They enable data clustering for large datasets
- C. They provide fine-grained control over color schemes
- D. They integrate external geographic data sources
- Answer: C. They provide fine-grained control over color schemes

40. How does the "Filled Map" handle missing data points in Power BI visualizations?

- A. It automatically fills missing data with default values
- B. It displays blank areas for missing data
- C. It prompts users to input missing values
- D. It removes missing data from the map
- Answer: B. It displays blank areas for missing data

41. What is the primary purpose of combining a map with a pie chart in Power BI?

- A. Displaying hierarchical data relationships
- B. Highlighting individual data points
- C. Showing regional variations through color
- D. Creating 3D visualizations
- Answer: A. Displaying hierarchical data relationships

42. How does a "Map with Pie Chart" enhance data representation compared to a standalone pie chart?

- A. By providing geographic context to pie segments
- B. By adding more color to the pie slices
- C. Through increased label customization options
- D. Map integration has no impact on pie charts

- Answer: A. By providing geographic context to pie segments
43. In Power BI, what does each segment of the pie chart represent in a "Map with Pie Chart" visualization?
- A. Data values
  - B. Regions on the map
  - C. Hierarchical levels
  - D. All of the above
  - Answer: D. All of the above
44. How can you customize the appearance of the pie chart in a "Map with Pie Chart" visualization?
- A. Adjusting the thickness of pie segments
  - B. Changing the color scheme
  - C. Applying conditional formatting based on data values
  - D. All of the above
  - Answer: D. All of the above
45. Explain the role of the "Category" field in a "Map with Pie Chart."
- A. It determines the size of the pie chart
  - B. It defines the geographic regions
  - C. It categorizes data for pie slices
  - D. It has no impact on the visualization
  - Answer: C. It categorizes data for pie slices
46. How does the "Map with Pie Chart" handle displaying data for overlapping regions on the map?
- A. It prioritizes the topmost region
  - B. It averages the data values for overlapping areas
  - C. It provides tooltips with detailed information
  - D. It avoids displaying overlapping regions
  - Answer: C. It provides tooltips with detailed information
47. What does the "Map of Australia" feature in Power BI allow users to visualize?

- A. Population density in Australia
- B. Geographic variations in data across Australia
- C. Historical changes in Australia
- D. Australia's political boundaries
- Answer: B. Geographic variations in data across Australia

48. How does the "Change Background in Map" feature enhance the user experience in Power BI?

- A. It allows users to add custom images as map backgrounds
- B. It alters the color scheme of the map background
- C. It changes the font style in map visualizations
- D. It removes the map background for a minimalist view
- Answer: B. It alters the color scheme of the map background

49. In a "Map with Pie Chart" visualization, how does the background change impact the overall aesthetic?

- A. It has no effect on the pie chart
- B. It provides contrast to the pie chart colors
- C. It changes the shape of the pie chart
- D. It alters the map's display hierarchy
- Answer: A. It has no effect on the pie chart

50. What options are typically available for changing the background in a map in Power BI?

- A. Adjusting transparency and color
- B. Adding 3D effects to the background
- C. Applying animation to the map background
- D. Only black and white color options
- Answer: A. Adjusting transparency and color

51. Explain the significance of including Australia in a global map visualization in Power BI.

- A. It helps in understanding data relationships within Australia
- B. It provides context for global data comparisons

- C. It allows users to zoom in on Australian regions
- D. Australia is not typically included in global maps
- Answer: B. It provides context for global data comparisons

52. How does the "Map of Australia" feature handle displaying data for remote or sparsely populated areas?

- A. It prioritizes urban areas
- B. It uses color intensity to represent data density
- C. It displays a warning for sparse data regions
- D. It excludes remote areas from the map
- Answer: B. It uses color intensity to represent data density