



Power BI

Interview Questions





1. What type of data is most suitable for creating an Animated Bar Chart Race in Power BI?
 - A) Categorical data
 - B) Numeric data
 - C) Time-series data
 - D) Textual data
 - *Answer: C) Time-series data*
2. In an Animated Bar Chart Race, what does the height of each bar represent?
 - A) Absolute values
 - B) Percentage values
 - C) Cumulative values
 - D) Relative values
 - *Answer: A) Absolute values*
3. How can you control the speed of the animation in an Animated Bar Chart Race?
 - A) By adjusting the page layout
 - B) By configuring the animation settings
 - C) By using DAX formulas
 - D) Animated Bar Chart Races do not have speed control options
 - *Answer: B) By configuring the animation settings*
4. What is the primary purpose of a Drilldown Donut Chart in Power BI?
 - A) To show hierarchical data
 - B) To display a single categorical variable
 - C) To represent time-series data
 - D) Drilldown Donut Charts are not available in Power BI
 - *Answer: A) To show hierarchical data*
5. In a Drill down Donut Chart, how do you navigate to the next level of details?
 - A) By right-clicking on the chart
 - B) By using the "Drill down" option



- C) By dragging and dropping fields
 - D) Drilldown Donut Charts do not support multiple levels
 - *Answer: B) By using the "Drill down" option*
6. What visual cues can you use to indicate the different levels in a Drilldown Donut Chart?
- A) Colors and labels
 - B) Shapes and textures
 - C) Animations only
 - D) Drilldown Donut Charts do not support visual cues
 - *Answer: A) Colors and labels*
7. How is a Drilldown Column Chart different from a regular Column Chart in Power BI?
- A) It supports multiple measures
 - B) It allows drilling into hierarchical data
 - C) It has a 3D visualization option
 - D) There is no difference
 - *Answer: B) It allows drilling into hierarchical data*
8. What action triggers the drill-down functionality in a Drilldown Column Chart?
- A) Hovering over the chart
 - B) Clicking on a specific column
 - C) Using the "Drill down" button
 - D) Drilldown Column Charts do not support drill-down actions
 - *Answer: B) Clicking on a specific column*
9. Can you customize the fields used for drill-down in a Drilldown Column Chart?
- A) Yes, using the "Field well" options
 - B) No, the fields are predetermined
 - C) Only with custom visuals
 - D) Drilldown Column Charts do not support customization
 - *Answer: A) Yes, using the "Field well" options*



10. What type of data visualization does a Word Cloud represent in Power BI?

- A) Numeric distribution
- B) Textual frequency
- C) Time-series trends
- D) Geospatial patterns

• *Answer: B) Textual frequency*

11. What is the primary use case for a Sankey Chart in Power BI?

- A) Displaying hierarchical data
- B) Showing part-to-whole relationships
- C) Representing flow and connections
- D) Sankey Charts are not available in Power BI

• *Answer: C) Representing flow and connections*

12. How can you enhance the clarity of a Sankey Chart with multiple flows?

- A) By using consistent color-coding
- B) By avoiding multiple flows
- C) By removing labels
- D) Sankey Charts cannot handle multiple flows

• *Answer: A) By using consistent color-coding*

13. What distinguishes an Infographic in Power BI from traditional charts?

- A) It allows interactivity
- B) It is purely decorative
- C) It only supports numeric data
- D) Infographics are not available in Power BI

• *Answer: A) It allows interactivity*

14. How can you embed additional information or insights within an Infographic in Power BI?

- A) By using tooltips
- B) By adjusting the background color
- C) By increasing the font size

- D) Infographics do not support additional information
 - *Answer: A) By using tooltips*
15. What role does the Play Axis serve in Power BI visuals?
- A) It plays videos embedded in reports
 - B) It animates data over time
 - C) It adjusts the background color
 - D) Play Axis is not a feature in Power BI
- *Answer: B) It animates data over time*
16. How can you control the speed and duration of the animation in a Play Axis visual?
- A) By adjusting the page layout
 - B) By configuring the animation settings
 - C) By using DAX formulas
 - D) Play Axis visuals do not support speed control
- *Answer: B) By configuring the animation settings*
17. What is the primary purpose of a Scroller in Power BI?
- A) To navigate between report pages
 - B) To scroll through data tables
 - C) To create a dynamic, scrolling visual
 - D) Scrollers are not available in Power BI
- *Answer: C) To create a dynamic, scrolling visual*
18. Can you use a Scroller to display real-time data updates?
- A) Yes
 - B) No
- *Answer: B) No*
19. What type of hierarchical data is most suitable for a Sunburst Chart?
- A) Geospatial data
 - B) Time-series data
 - C) Categorical data with multiple levels

- D) Sunburst Charts only support two levels
 - *Answer: C) Categorical data with multiple levels*
20. How can you control the level of detail displayed in a Sunburst Chart?
- A) By using the "Expand all" option
 - B) By adjusting the chart size
 - C) By using the "Zoom in/out" buttons
 - D) Sunburst Charts automatically adjust the level of detail
- *Answer: C) By using the "Zoom in/out" buttons*
21. What does a Histogram in Power BI visualize?
- A) Geospatial patterns
 - B) Distribution of numeric data
 - C) Hierarchical relationships
 - D) Histograms are not available in Power BI
- *Answer: B) Distribution of numeric data*
22. How is the number of bins determined in a Histogram?
- A) It is set automatically by Power BI
 - B) By user input
 - C) It depends on the type of data
 - D) Histograms do not use bins
- *Answer: A) It is set automatically by Power BI*
23. In an Animated Bar Chart Race, what feature allows you to highlight a specific bar?
- A) Focus mode
 - B) Spotlight feature
 - C) Annotation
 - D) There is no feature for highlighting bars
- *Answer: B) Spotlight feature*



24. How can you exit the drill-down view in a Drilldown Donut Chart?
- A) By right-clicking on the chart
 - B) By using the "Drill up" button
 - C) By refreshing the page
 - D) Drilldown Donut Charts do not have a drill-up option
 - *Answer: B) By using the "Drill up" button*
25. Can you drill down into multiple levels in a single action in a Drilldown Column Chart?
- A) Yes
 - B) No
 - *Answer: A) Yes*
26. What does the size of a word in a Word Cloud represent?
- A) Frequency of the word
 - B) Font style preference
 - C) Alphabetical order
 - D) Word Clouds do not use size variations
 - *Answer: A) Frequency of the word*
27. How can you control the flow direction in a Sankey Chart?
- A) By using DAX measures
 - B) By adjusting the visual settings
 - C) By randomizing the flow
 - D) Sankey Charts do not allow control of flow direction
 - *Answer: B) By adjusting the visual settings*
28. What is the primary advantage of using an Infographic in Power BI for data communication?
- A) Rich interactivity
 - B) Static visual representation
 - C) Minimalist design
 - D) Infographics are not suitable for data communication

- *Answer: A) Rich interactivity*

29. What types of visuals can you use with the Play Axis in Power BI?

- A) Only line charts
- B) Bar charts and line charts
- C) Any visual supporting animation
- D) Play Axis is exclusive to specific visuals

- *Answer: C) Any visual supporting animation*

30. How can you control the order of visuals in a Scroller in Power BI?

- A) Alphabetical order
- B) By adjusting the report layout
- C) By using the "Scroller order" setting
- D) Scrollers do not allow control of visual order

- *Answer: C) By using the "Scroller order" setting*

31. In a Sunburst Chart, how can you customize the color of each level for better distinction?

- A) By using the default color scheme
- B) By adjusting the overall chart color
- C) By applying individual color codes
- D) Sunburst Charts do not support custom colorization

- *Answer: C) By applying individual color codes*

32. What is the primary advantage of using a Sunburst Chart over other hierarchical visuals?

- A) Better performance with large datasets
- B) Ability to display only two levels
- C) Intuitive representation of hierarchical data
- D) Sunburst Charts are not recommended for hierarchical data

- *Answer: C) Intuitive representation of hierarchical data*

33. How can you adjust the bin width in a Histogram for more granular insights into data distribution?

- A) By changing the data source
- B) By adjusting the chart size
- C) By modifying the bin count
- D) Histograms do not have options for adjusting bin width

• *Answer: C) By modifying the bin count*

34. In an Animated Bar Chart Race, what feature allows you to compare values at a specific point in time?

- A) Pause button
- B) Legend
- C) Tooltip
- D) There is no feature for comparing values

• *Answer: C) Tooltip*

35. Can you customize the colors of segments in a Drilldown Donut Chart based on specific data categories?

- A) Yes, using default color schemes
- B) No, colors are predetermined
- C) Only with custom visuals
- D) Drilldown Donut Charts do not support custom colorization

• *Answer: A) Yes, using default color schemes*

36. How can you reset the Drilldown state in a Drilldown Column Chart to the initial view?

- A) By refreshing the page
- B) By using the "Reset drill down" button
- C) By closing and reopening the report
- D) Drilldown Column Charts do not have a reset option

• *Answer: B) By using the "Reset drill down" button*

37. What visual element represents the importance or frequency of words in a Word Cloud?

- A) Font color
- B) Font style
- C) Font size
- D) Word positioning

• *Answer: C) Font size*

38. How can you filter data within a specific flow path in a Sankey Chart?

- A) By using slicers
- B) By adjusting the flow thickness
- C) By right-clicking on the flow
- D) Sankey Charts do not support data filtering

• *Answer: A) By using slicers*

39. What key principles should you consider for effective storytelling using Infographics in Power BI?

- A) Minimal visual elements and interactivity
- B) Rich visual elements and minimal interactivity
- C) Alignment with corporate branding only
- D) Infographics are not suitable for storytelling

• *Answer: B) Rich visual elements and minimal interactivity*

40. How can you synchronize multiple visuals using a Play Axis in Power BI?

- A) By using the "Sync visuals" option
- B) By adjusting the page layout
- C) By applying DAX measures
- D) Play Axis visuals do not support synchronization

• *Answer: A) By using the "Sync visuals" option*

41. How can you control the auto-play duration in a Scroller in Power BI?

- A) By adjusting the page layout
- B) By configuring the "Auto-play duration" setting

- C) By using DAX formulas
- D) Scrollers do not support auto-play

Answer: B) By configuring the "Auto-play duration" setting

42. What is the significance of the central circle in a Sunburst Chart?

- A) It represents the root category
 - B) It indicates the end of the hierarchy
 - C) It has no specific significance
 - D) Sunburst Charts do not have a central circle
- *Answer: A) It represents the root category*

43. How does the bin width impact the granularity of data representation in a Histogram?

- A) Wider bins provide more granularity
 - B) Narrower bins provide more granularity
 - C) Bin width does not affect granularity
 - D) Histograms do not use bin width for granularity
- *Answer: B) Narrower bins provide more granularity*

44. What considerations should be taken into account when using an Animated Bar Chart Race for storytelling?

- A) Short durations for better engagement
 - B) Minimal transitions for clarity
 - C) Consistent colors for all bars
 - D) Animated Bar Chart Races are not suitable for storytelling
- *Answer: A) Short durations for better engagement*

45. How can you enhance user interaction in a Drilldown Donut Chart to ensure a seamless drill-down experience?

- A) By using concise labels
- B) By providing multiple drill-down paths
- C) By avoiding drill-down features
- D) Drilldown Donut Charts do not support user interaction

- *Answer: B) By providing multiple drill-down paths*
46. What strategies can be employed to optimize the performance of a report containing multiple Drilldown Column Charts?
- A) Reducing the number of charts
 - B) Limiting the hierarchy depth
 - C) Applying aggregations
 - D) Drilldown Column Charts do not impact performance
- *Answer: C) Applying aggregations*
47. How does a Word Cloud in Power BI handle words with similar frequencies?
- A) They are arranged alphabetically
 - B) They are randomly positioned
 - C) They are given equal font sizes
 - D) Word Clouds do not display similar-frequency words
- *Answer: B) They are randomly positioned*
48. What challenges might arise when visualizing complex data relationships using a Sankey Chart in Power BI?
- A) Limited scalability
 - B) Clear representation of all relationships
 - C) Consistent color-coding
 - D) Sankey Charts do not have challenges with complex data relationships
- *Answer: A) Limited scalability*
49. How can you ensure accessibility and inclusivity when designing an Infographic in Power BI?
- A) Using a diverse color palette
 - B) Providing alternative text for visuals
 - C) Avoiding visual elements
 - D) Infographics do not require accessibility considerations
- *Answer: B) Providing alternative text for visuals*

50. How can you effectively use a Play Axis in Power BI for trend analysis?

- A) By using multiple Play Axes
- B) By adjusting the chart size
- C) By incorporating annotations
- D) Play Axis visuals inherently support trend analysis

- *Answer: D) Play Axis visuals inherently support trend analysis*

51. What type of data is most suitable for creating an engaging Animated Bar Chart Race in Power BI?

- A) Categorical data
- B) Time-series data
- C) Geospatial data
- D) Animated Bar Chart Races do not support specific data types

- *Answer: B) Time-series data*

52. How does the Drilldown Donut Chart visually represent hierarchical data?

- A) Through concentric circles
- B) Through radial lines
- C) Through varying colors
- D) Drilldown Donut Charts do not represent hierarchical data

- *Answer: A) Through concentric circles*

53. What is the primary difference between a standard Column Chart and a Drilldown Column Chart?

- A) Drilldown Column Charts do not display columns
- B) Drilldown Column Charts support multiple levels of hierarchy
- C) Standard Column Charts do not allow drill-down
- D) There is no difference between them

- *Answer: B) Drilldown Column Charts support multiple levels of hierarchy*

54. How can you make a Word Cloud in Power BI more visually appealing and informative?

- A) By using a single font style
- B) By minimizing variations in word frequency
- C) By incorporating meaningful color gradients
- D) Word Clouds are inherently visually appealing

• *Answer: C) By incorporating meaningful color gradients*

55. In a Sankey Chart, what is the purpose of the width of the flow paths?

- A) It represents the flow quantity
- B) It indicates the flow direction
- C) It has no specific significance
- D) Sankey Charts do not have flow paths

• *Answer: A) It represents the flow quantity*

56. How can you maintain a balance between visual elements and data accuracy in an Infographic in Power BI?

- A) By using complex visualizations
- B) By simplifying data representation
- C) By avoiding visuals altogether
- D) Infographics prioritize visual appeal over data accuracy

• *Answer: B) By simplifying data representation*

57. What considerations should be taken into account when using a Play Axis for geographic data in Power BI?

- A) The availability of default map visuals
- B) The relevance of time-based animation
- C) The inclusion of dynamic annotations
- D) Play Axis is not suitable for geographic data

• *Answer: B) The relevance of time-based animation*



58. How can you ensure a seamless and engaging user experience in a report with multiple visuals controlled by a Scroller?

- A) By reducing the number of visuals
- B) By incorporating relevant tooltips
- C) By eliminating the use of the Scroller
- D) Scrollers do not impact user experience

• *Answer: B) By incorporating relevant tooltips*

59. What is the recommended maximum number of levels for a Sunburst Chart to maintain clarity?

- A) Two levels
- B) Three levels
- C) Four levels
- D) There is no recommended maximum

• *Answer: B) Three levels*

60. How does the bin count influence the balance between detail and simplicity in a Histogram?

- A) Higher bin count provides more detail
- B) Lower bin count provides more detail
- C) Bin count has no impact on detail
- D) Histograms do not use bin count for detail

• *Answer: A) Higher bin count provides more detail*

61. What techniques can enhance the storytelling aspect in an Animated Bar Chart Race in Power BI?

- A) Consistent bar colors
- B) Highlighting key events with annotations
- C) Static duration for all bars
- D) Animated Bar Chart Races do not support storytelling

Answer: B) Highlighting key events with annotations



62. How can you ensure a smooth user experience while interacting with a Drill down Donut Chart?

- A) Minimizing the number of drill-down levels
- B) Using complex visualizations
- C) Relying on default settings
- D) Drill down Donut Charts inherently provide a smooth experience

- *Answer: A) Minimizing the number of drill-down levels*

63. Can you incorporate custom visuals within a Drilldown Column Chart to enhance data representation?

- A) Yes, with limitations
- B) No, custom visuals are not supported

- *Answer: A) Yes, with limitations*

64. How can you address potential challenges related to legibility in a Word Cloud in Power BI?

- A) Using a monochromatic color scheme
- B) Adjusting font sizes dynamically
- C) Avoiding Word Clouds for large datasets
- D) Word Clouds do not have challenges related to legibility

- *Answer: B) Adjusting font sizes dynamically*

65. What strategies can be employed to simplify complex data flows in a Sankey Chart?

- A) Using consistent color-coding
- B) Displaying all data flows simultaneously
- C) Avoiding the use of labels
- D) Sankey Charts do not require simplification strategies

- *Answer: A) Using consistent color-coding*

66. How can you maintain data accuracy while incorporating storytelling elements in an Infographic in Power BI?

- A) Using static visuals only
- B) Avoiding any form of data representation
- C) Balancing visuals with meaningful annotations
- D) Infographics prioritize storytelling over data accuracy
- *Answer: C) Balancing visuals with meaningful annotations*

67. what role does data distribution play in the effectiveness of a Play Axis in Power BI?

- A) Irrelevant, as Play Axis is not data-dependent
- B) Crucial for dynamic animation
- C) Does not impact the play duration
- D) Play Axis visuals are independent of data distribution
- *Answer: B) Crucial for dynamic animation*

68. How can you optimize the use of a Scroller for a report with a large number of visuals?

- A) Reducing the number of visuals
- B) Applying default settings



C) Ignoring the use of a Scroller

D) Scrollers inherently optimize reports with a large number of visuals

- *Answer: A) Reducing the number of visuals*

69. How can you prevent clutter and enhance clarity in a Sunburst Chart with multiple hierarchical levels?

A) Reducing the number of levels

B) Increasing the number of levels

C) Relying on default settings

D) Clutter is unavoidable in Sunburst Charts

- *Answer: A) Reducing the number of levels*

70. How can you balance aesthetics and accuracy when choosing the bin count in a Histogram?

A) Prioritizing aesthetics over accuracy

B) Opting for a higher bin count for accuracy

C) Bin count does not impact aesthetics

D) Histograms inherently balance aesthetics and accuracy



- *Answer: B) Opting for a higher bin count for accuracy*