

1. To connect to multiple tables in a single data source at one time, what must be specified?

- a. A blend
- b. A calculation
- c. A join
- d. A hierarchy

2. Tableau can create worksheet-specific filters.

- a. True
- b. False

3. What does the box in a box plot represent?

- a. Maximum extent of the data
- b. The range of the middle half of the data points
- c. The median of the middle half of the data points
- d. The outliers of the data

1. Which of the following is incorrect? Select one

- a. Sets can be part of a hierarchy
- b. Groups can be part of a hierarchy
- c. Measures cannot be part of the hierarchy
- d. Field can be part of only one hierarchy

2. Which of the following are the behaviors of discrete fields? Select 2

- a. They always create labels in the view
- b. They always create axis in the view
- c. They always group common values
- d. They always create different colors for each value in the field

3. Which of the following features can be generated when clicking on two or more marks in the view and then selecting a button in the tooltip? Select 3

- a. Create a set which then becomes available in the data pane
- b. Create a group which colours the marks by the new group
- c. Create a group which automatically collapses dimension details in the visualization header
- d. Create a filter which keeps only the selected marks in the view

4. Which chart type is best to show correlation between two measure at a very granular levels such as Product ID?

- a. Highlight table

- b. Density Map
- c. Scatter Plot
- d. Combined axis chart

5. Which of the following is NOT considered a valid scope for applying a table calculation?

- a. Pane
- b. Table
- c. Partition
- d. Cell

1. A Tableau Bookmark can be created by:

- a. Windows.....>Bookmark.....>Create Bookmark
- b. Help.....>Bookmark.....>Create Bookmark
- c. File.....>Bookmark.....>Create Bookmark
- d. Tableau does not support Bookmark creations

2. Rakesh has: Cost Price, Inventory Qty, Sales and Profit in the Measures pane. He wants to apply filter on them at view level. Which of the following methods will allow him to achieve it?

- a. Pushing Measure Values into filter pane
- b. Pushing Measure Names into filter pane
- c. Pushing Number of Records into filter pane
- d. None of the above

3. When you create a combined field from two or more fields, the default separator between the field values at view level is:

- a. Tab
- b. Semi-colon
- c. Coma
- d. Colon

4. Tableau does not permit creation of combined fields out of measures.

- a. TRUE
- b. FALSE

5. From the Analytics pane which of the following can be applied? Select 2

- a. Only Totals can be applied
- b. Only Subtotals can be applied
- c. Both Totals and Subtotals can be applied

- d. No such option is available in the Analytics pane
6. In a scatter plot between Shipping Cost and Sales is created using Linear Trend line, following observation has been made: R-Square value: 0.202925 and P-value < 0.0001. What is the conclusion?
- The Linear model is a poor fit
  - The Linear model is a good fit
  - Difficult to say based on the above two parameters
7. When you have Scatter Plot chart in one sheet, you cannot duplicate the sheet as a Crosstab.
- FALSE
  - TRUE
- 8.
9. Which of the following NOT options when you select Distribution Band from the Analytics pane? Select 2
- Variance
  - Percentages
  - Percentiles
  - Standard Deviation
  - Range
10. Mary wants to see which Products that were sold have reached 60% and 80% of Sales below the highest targeted sales. Which of the following would be her correct option?
- Reference Lines
  - Distribution bands
  - Reference Bands
  - Constant Lines
11. The number of Clusters created on a Scatter Plot by default is:
- 3
  - 1
  - 2
  - 4
12. Legends produced by a discrete field such as the "Ship Mode" cannot be sorted at the view level.
- TRUE
  - FALSE
13. Rakesh has Aliased a few values inside a Dimension. How can Mary check which values have been aliased by Rakesh?
- There is no way to check, so Mary has to connect with Rakesh and get updates
  - Mary has to recreate aliases as per her requirement
  - Tableau places an underscore against each aliased value
  - Tableau places an asterisk against each aliased value

14. Which of the following must be included when you define Parameter Actions inside a Dashboard? Select 3

- a. The .twbx or .twb file containing the Parameter
- b. The source sheet(s) it applies to
- c. The user behaviour that runs the action
- d. The target parameter

15. The x and y positions inside Layout pane within a Dashboard allow you to:

- a. Adjust the width and height of a chart
- b. Adjust the overall positioning of the chart within a tile
- c. Allow inner and outer padding adjustments with reference to borders of the chart
- d. No such feature is supported on Tableau Desktop though this option is available on Tableau Server

16. When you Run Optimizer on a Workbook to be published, you cannot rerun the Optimizer again.

- a. TRUE
- b. FALSE

1) Blending is favourable in which following condition:

- A. 2 Tables are at different granularity and same source
- B. 2 Tables are at same granularity and diff source
- C. 2 Tables are from different granularity and diff source
- D. Can be performed on any table

2. "In \_\_\_\_\_ primary data source defines the view which eventually restrict data from second or more data sources"

A. Blending

B. Joins

C. Relationships

D. Union

3. "A join combines the data and then aggregates. A blend aggregates and then combines the data."

A. True

B. False

4. Which of the following is true about combined axis chart? (Select 3)

- A. We have multiple mark types

- B. We use it when we want to merge two or more measures
- C. We have single mark type
- D. They are created with one shared axis

5. Which of the following is used to compare categorical data using colors

- A. Crosstab
- B. Sankey chart
- C. Highlight tables
- D. Box & whisker plot

6. Context filters are better suited when there is relatively smaller data set to filter on.

- A. TRUE
- B. FALSE

7. Context filters can adversely affect performance improvements when you use the Assume Referential Integrity option in the Data Pane.

- A. FALSE
- B. TRUE

8. You can create a histogram even if you have a single:

- A. Measure in the view
- B. Dimension in the view
- C. Calculated measure in the view
- D. None of the above

9. The prefix of AGG is added to a measure when:

- A. Any Built-in Measure is added to a view
- B. A calculated measure without any aggregation is added to the view
- C. A calculated measure with aggregation is added to the view
- D. None of the above

10. Which of the following is considered as a row-level calculation?[Choose the most appropriate answer].

- A. [Profit] / [Sales]
- B. Sum([Profit]) / Sum([Sales])
- C. {Sum([Profit])} / Sum([Sales])
- D. None of the above

11. Dimensions set on which of the following locations DO NOT contribute to the view level of detail? Select 2


- A. Filter
- B. Tool-tip
- C. Detail
- D. Columns
- E. Rows

12. To create a dynamic set, it is essential that you click:

- A. On a Measure....>Create....>Set
- B. On a Dimension....>Create....>Set
- C. Select desired number of marks in the view.....>Right-Click....>Select Set icon
- D. None of the above

13. A calculation that uses the formula: `IF SUM([Profit])>0 then "Profitable" else "Unprofitable" END`

is associated with which of the following icons?

- A. #
- B. =#
- C. =ABC
- D. 

14. Which of the following is NOT a valid sort method?

- A. Sort from a header
- B. Sort from a field label
- C. Sort from Format menu option
- D. Sort from an axis

15. It is NOT possible to sort Scatter Plots from numerical axis.

- A. TRUE
- B. FALSE

16. Which of the following is correct about nested sort?

- A. A nested sort considers each pane independently and sorts the rows per pane
- B. Nested sorts look correct within the context of the pane but do not convey the aggregated information about how the values compare overall
- C. Sorting from an axis gives a nested sort by default
- D. All the above are correct

17. Which of the following are affected by the Size marks card. Select 3

- A. Bar
- B. Gantt Bar
- C. Line
- D. Polygon

18. When you add a categorical size-encoding to a view:
- A. Tableau adds a colour scale as a legend
  - B. Tableau adds a size legend against each member in the field
  - C. Tableau sizes each mark based on the measure value
  - D. Tableau does not support adding a categorical field to size marks card
19. Text tables are also referred as: [Select 2]
- a. Pivot
  - b. Crosstab
  - c. Numeric Table
  - d. Plain Table
20. Ali does not wish the end users to view the tooltip when they move cursor over the marks in the view. What action should he take?
- A. Right-Click on any mark in the view.....>Select Tooltip.....>Disable
  - B. Click on Tooltip in the Marks card shelf....> Deselect the "Show Tooltip" checkbox
  - C. Right-Click on any mark in the view.....>Select Tooltip.....> Deselect the "Show Tooltip" checkbox
  - D. Select Format option in the Menu bar.....> Select Tooltip.....> Deselect the "Show Tooltip" checkbox
21. Ali has selected square shape for Furniture category. He notices that the same shape appears for Furniture in all the worksheets. How can Ali change this behaviour and assign a different shape to Furniture?
- A. Once assigned, the shape cannot be altered
  - B. Right-Click (on Windows) Category field....> Default Properties....>Shape....>Assign new shape to Furniture
  - C. Right-Click (on Windows) Category field....> Shape....>Assign new shape to Furniture
  - D. Select Format option in the Menu bar.....> Select Tooltip.....> Deselect the "Show Tooltip" checkbox
22. It is possible to correct data errors using Groups in Tableau.
- A. FALSE
  - B. TRUE
23. Jim has created a Scatter Plot that has correlation shown between Profit and Shipping Cost, with Region and Products in Detail marks card. Now, Jim needs to create a Group from the marks in the view, that has both Region and Products as members. What must Jim do?
- A. He can select a set of marks in the view.....>Select Paper Clip icon.....>Select All Dimensions

- B. As Tableau does not permit creation of a group on more than one Dimension, Jim must create two separate groups and later combine them into one
- C. Jim can Ctrl click on Region and Products dimensions on Data pane and select.....>Create.....> Group

24. When Tableau Query Pipeline has both Top-N and Dimension filters, Tableau processes them at the same time.

- A. TRUE
- B. FALSE

25. Table Calculations can be used for which of the following purposes? [Select 3]

- A. Transforming values to Rankings
- B. Transforming values to show Running Totals
- C. Creating computations independent of dimensions and measures in a view
- D. Transforming values to percentages of totals

26. Which of the following is TRUE about Addressing and Partitioning within a Table Calculation?

- A. Dimensions define Scoping and for Addressing
- B. Measure define Scoping and Addressing
- C. Scoping and Addressing are independent of Dimensions and Measures
- D. None of the above

1. Which of the following is NOT an option you would see when you connect Tableau Desktop to a PDF document:

- a. All
- b. Single page
- c. Range
- d. Min and Max pages to scan

2. How will you change the default aggregation property of a specific measure?

- a. By using Analysis menu option.....>Deselecting the Aggregate Measures checkmark
- b. By right-clicking on a measure.....>Default Properties.....>Aggregation
- c. By right-clicking on a dimension.....>Default Properties.....>Aggregation
- d. None of the above

3. Which of the following is NOT a Trend Line model?

- a. Polynomial



- b. Linear
- c. Binomial
- d. Logarithmic
- e. Power

4. Which of the following is TRUE about relationship data model?[Choose all that apply]

- a. There are no upfront joins made by Tableau
- b. It only supports Left join
- c. Relationship model does not support more than 3 tables to be a part of join
- d. Tableau makes joins at the view level

5. Connect to the Sample Superstore subset excel sheet and answer the following.

What is the percentage of Total sales for Home Office in July 2012? [3M]

- a. 23.50%
- b. 23.97%
- c. 20.14%
- d. 32.56%

6. Still connected to the above data set, answer the question.

In which region do all the Product Categories fall below the overall average profit?[3M]

- a. All regions
- b. Central
- c. South
- d. West

7. Suppose you drag a Date field into filter shelf and choose "Relative date". Which of the following is default anchor?

- a. Today
- b. Yesterday
- c. Tomorrow
- d. None of the above

8. Which of the following would you use to connect multiple tables within a single data source?

- a. Blend
- b. Join
- c. Set

d. Hierarchy

9. Which of the following is TRUE about Context filters?

- a. They are processed before Data Source filters in Tableau's Order of Operations
- b. They are processed after Data Source filters in Tableau's Order of Operations
- c. They can set context of the view to a specific subset of data to be used by other filters
- d. A context filter in filter shelf has the same color as a dimension filter in the same shelf

10. Which of the following is the best case when you would prefer to go for an Extract Connection type rather than Live? [choose all that apply]

- a. The data source to which you are connecting to is very slow
- b. You need to pre-aggregate data before analysis
- c. When you want freshest data all the time
- d. When you want to leverage on high-performance capabilities of extract storage

11. Connect to the downloaded "Stocks" data set. Merge the Stocks 2010-103 and Stocks 2014 sheets into a single data set. Answer the following question:

"Which two months in 2012 year showed almost no changes in the Stock Volume (Volume) for Apple Company"? [5 marks]

- a. January-February
- b. March-April
- c. September-December
- d. July-August

12. Context filters are applied before Dimension filters.

- a. TRUE
- b. FALSE

13. Which of the following is a pre-requisite to create a combined set out of SET A and SET B?

- a. Both sets must have same measure
- b. Both sets must be created on different dimensions
- c. Both sets must be created on different measures
- d. Both sets must be based on same dimension

14. Which of the following are valid ways to trigger actions for a dashboard? [choose all that apply]

- a. Hover

b. **Select**

c. Click

d. **Menu**

15. When Ali is trying to show distinct count of customers by city as a filled map, he notices that:

2 unknown error in the map view. What could be the possible reason(s): [choose all that apply]

a. Cities cannot be plotted on filled maps

b. **City locations could be ambiguous (they could exist in multiple states)**

c. **City names may be misspelt**

d. None of the above

16. Which type of a join does a Data Blend simulate?

a. Right

b. **Left**

c. Full

d. Inner

17. Ali wants to set his Dashboard dimensions to the same pixel level as his laptop monitor display settings (Width = 1920 pixels and Height = 1080 pixels).

Which of the following is TRUE?

a. It is not possible to mimic a monitor's display settings

b. **Ali can select Custom Size within Size pane and set it accordingly**

c. Laptops never support this pixel sizes

d. Tableau Desktop can automatically detect Ali's Laptop monitor settings and adjust the dashboard dimensions accordingly

18. Dragging Sales into Rows ....> SUM(Sales) and a Calculation named FIXED LOD....>

{FIXED:SUM([Sales])} into Rows would produce the same Grand Total (provided no other dimension is in the view).

a. **TRUE**

b. FALSE

19. A FIXED LOD expression: {FIXED CustomerID: MIN(OrderDate)} would land in

a. **Measures Pane**

b. Dimensions Pane

- c. In Parameters Pane
- d. None of the above

20. Which of the following charts has Gantt bar chart organized to show Running Totals of a measure?

- a. Pareto
- b. Word cloud
- c. Waterfall
- d. Box-and-Whisker

21. Which of the following are the best practices to improve a dashboard performance?[choose all that apply]

- a. Use Action filters wherever possible
- b. Use a chart that has several hundred marks
- c. Create a navigable feature between dashboards rather than have all vizzes within a single dashboard
- d. Use as many filters as Tableau permits within a dashboard

22. Data blends happen at sheet level only (they do not propagate to other sheets)

- a. FALSE
- b. TRUE

1. Which of the following is NOT an expression to pass arguments to R engine for advanced analytics in Tableau?

- a. SCRIPT\_INT
- b. SCRIPT\_BOOL
- c. SCRIPT\_FLOAT
- d. SCRIPT\_REAL
- e. SCRIPT\_STR

2. Creating an LOD with INCLUDE or EXCLUDE keyword inevitably puts it only in Dimensions pane.

- a. TRUE
- b. FALSE

3. In the Forecast Options dialog box which of the following is NOT an option when you choose Custom?

- a. None
- b. Divisive
- c. Additive
- d. Multiplicative

4. Which of the following describes the following visual cue accurately?

- a. The workbook is connected to an extract
- b. The workbook is connected to a cube
- c. The workbook is directly connected to a relational data source or file
- d. The workbook is connected to a data source that has been published to a Tableau Server

5. Which of the following file types does NOT support New Union option in the Data Source pane?

- a. JSON files
- b. Spatial Files
- c. Excel Files
- d. Text Files
- e. PDF Files

6. Rakesh needs to put a shaded area between the average and Maximum points on a bar chart. Which of the following would enable him to achieve this?

- a. Reference Band
- b. Distribution band
- c. Trend Line
- d. Reference line

7. Lila has two data sources (Oracle and a .csv file respectively) in her Tableau worksheet each with respective dimensions and measures. When Lila drags a measure from Oracle data source for the first time into Rows or Columns, what would be her observation?

- a. Oracle becomes the Secondary data source
- b. The .csv source will be visible with a blue check mark

c. Lila cannot have both data sources in the same worksheet

d. **None of the above**

8. Which of the following Calculation types produce an additional or Secondary calculation?[Choose all that apply]

a. Percent difference from

b. **Running total**

c. Rank

d. **Moving calculation**

e. All of the above

9. Which of the following Actions is NOT an interactive action that you can add to a dashboard?

a. **Go to Dashboard**

b. Go to sheet

c. Go to URL

d. Change Parameter

10. Which of the following produces an output that shows the difference between the Sum(Profit) of each Subcategory item and the overall average Profitability in a view?[Assume Sample\_superstore Data Set]

a. Sum(Profit) - Windows\_Max(Sum[Profit])

b. **Sum(Profit) - Windows\_Avg(Sum[Profit])**

c. Sum(Profit) - Windows\_Sum(Sum[Profit])

d. Sum(Profit) - Windows\_Min(Sum[Profit])

11. When I create an EXCLUDE LOD calculation: {EXCLUDE Subcategory: Sum(Sales)} with the name Exclude Subcat and drag this into ROWS or COLUMNS how would it appear on the ROWS or COLUMNS?

a. **SUM(Exclude Subcat) with green colour pill**

b. ATTR(Exclude Subcat) with Blue colour pill

c. SUM(Exclude Subcat) with Blue Colour pill

d. ATTR(Exclude Subcat) with green colour pill

12. Which of the following is NOT a trend line model?

a. **Binomial**

b. Polynomial

c. Linear

d. Logarithmic

13. Ali is a Sales Manager and for a better understanding of his Customers, he wants to know who are his “Existing” and “New” Customers. Which of the following calculations, you, as a Developer MUST create to make Ali understand this scenario? [Choose the Most appropriate answer, keeping in view the Sample\_Superstore data set]

a. Customer Last Purchase Date calculation and then use it to evaluate with OrderDate field

b. Customer First Purchase Date calculation and then use it to evaluate with OrderDate field

c. None of the above

14. I want create a table calculation that returns me the number of records within a table partition. Which of the following functions should I use?

a. Lookup

b. Index

c. Partition

d. Size

15. Within a table calculation window, if you want to select Addressing fields, you need to:

a. Uncheck the field(s) under “Specific Dimensions”

b. Check the field(s) under “Specific Dimensions”

c. Tableau does not support Addressing/Partitioning

d. None of the above

16. Maria wants to group her company products as “Top Performers” if they are  $\geq 80\%$  of the maximum Sales and “Average Performers” if they are  $\leq 60\%$  of the maximum sales. Which of the following would help her to understand this?

a. Distribution bands

b. Reference bands

c. Trends lines

d. Reference lines

17. Which of the following combination of calculations is the basis of 80-20 Pareto analysis?

a. Running Total and Percentage of Total

- b. Running Total and Difference From
- c. Running Total and Percentage Difference From
- d. Moving Average and Running Total

18. Which of the following Scoping Key word can be used to create a calculation that can be pushed to Dimensions pane if necessary?

- a. INCLUDE
- b. **FIXED**
- c. EXCLUDE
- d. None of the above

19. Which of the following Dashboard size options when selected will make Tableau to take up the entire screen space?

- a. Fixed
- b. **Automatic**
- c. Range
- d. None of the above

20. Which of the following Device Type is NOT supported inside Dashboard under Device Preview?

- a. Default
- b. Phone
- c. Tablet
- d. **i-Pad**
- e. Desktop

1. What are two use cases for creating hierarchies from the Data pane? Choose two.

- A To concatenate all fields into a single field
- B. To create faster-performing queries
- C. **To add drill-down functionality for fields**
- D. **To organize related fields together**

2. Which of the following is a discrete date part?



A 01/23/2021

B. 07Mar2017

C. 20Sep2016:9:8:8:6546

D. February

3. How can you set the default properties of a field to Currency?

A From the Format menu, configure the Font settings.

B. From the Data pane, configure the data type of the field.

C From the Format menu, configure the Field Labels settings.

D. From the Data pane, configure the number format of the field.

4. When altering the data type of a field, what are two available data type options? Choose two.

A. Date

B. Vector

C. Number (decimal)

D. Scientific

5. You need to create a calculation that returns a customer name followed by a comma, a space, and then the customer's age (for example: John Doe, 32).

What should you include in the calculation?

A [Customer Name] + " , " + STR[Age]

B. [Customer Name] + \*. " + STR([Age])

C. "Customer Name, " + [Age]

D. STR([Customer Name]) + " , " STR("Age")

6. Which aggregation is available without requiring a table calculation or calculated field?

A Percent of total

B. Standard deviation

C Running total

D. Sample covariance

7. A dual axis chart is useful for comparing two measures that \_\_\_\_\_

A have different scales

B. are aggregated Dimensions

C have little in common

D. are Table Calculations

8. You copy a list of cities and average temperatures from a website to the clipboard.

In a new workbook, you need to create a new data source from the copied data.

What should you do?

A From the File menu, select Import Workbook.

B. Press CTRL+F.

C. From the Data menu, select New Data Source.

D. Press CTRL+V.

9. You have a scatter plot visualization.

What should you do to configure the visualization as a density map?

A. Create a custom color palette.

B. Change the mark shape of the view.

C. Change the mark type of the view.

D. Select heat maps from Show Me.

10. What is created by a calculated field that has a formula of  $\text{SUM}(\text{Sales}) / \text{SUM}(\text{Profit})$ ?

A. A set

B. A dimension

C. A measure

D. A parameter

11. When creating a date filter in Tableau, to what does Anchor refer?

A. The date in a relative-date filter to which you anchor a unit of time.

B. The latest date in the data source that can be found.

C. The mid-point in the range of displayed dates.

D. The date in a range-of-dates filter to which you anchor units of time

12. You view the relationship canvas shown in the following exhibit.

What does Migrated Data indicate?

A. The workbook was downloaded from Tableau Online.

B. The workbook was created in a previous version of Tableau Desktop.

C. The data was imported from Tableau Server.

D. The data was recently saved as a packaged data source.

13. Which two types of fields appear blue? Choose two.

A. Discrete measures

B. Continuous dimensions

C. Continuous measures

D. Discrete dimensions

13. The Shape option is available for which two views? Choose two.

A. Heat maps

B. Packed bubbles

C. Side-by-side circles

D. Scatter plots

14. What are two correct methods to change the data type of a field? Choose two.

A. From the Data Source tab, click on the drop-down menu of the field.

B. From the Data pane, click on the drop-down menu of the field.

C. From the Data Source tab, click the data type icon of the field.

D. From the Data pane, select and hold the field.

15. Which chart type uses automatically generated sizes that cannot be resized by using the Marks card?

A. Area charts

B. Pie charts

C. Treemaps

D. Histograms

16. You have the following legend.

What occurs when you click the icon to the right of Air Ticketing Cabin Type Name?

A. The filter options open.

B. The Edit Colors dialog box opens

C. The legend toggles on or off.

D. The highlighter toggles on or off.

17. You need to uniformly change the size for all marks in a view.

What should you do?

A. Use the Fit dropdown menu on the toolbar.

B. Select Size on the Marks card and use the slider to adjust the size.

C. Select Format on the menu, and then select Cell Size.

D. Select Label on the Marks card and then select Alignment.

19. To display data that has both negative and positive quantitative values, Tableau Desktop will display marks by using \_\_\_\_\_

A. A sequential palette

B. A diverging palette

C. A categorical palette

D. the full color range

20. When using a data source that has relationships, how can you add a join between the two data sources?

A. From the Tables pane, double click a table.

B. Double-click a logical table in the canvas.

C. From the Connections pane, select Add.

D. From the Tables pane, drag a table directly on top of an existing logical table

21. Which statement accurately describes aliases?

A. You can assign an alias to a field member before creating a visualization

B. When you assign an alias, the name changes in the database.

C. You can create an alias for a continuous dimension.

D. You can create an alias for a discrete measure.

22. What should you use to create headers in a visualization?

A. A filler

B. A measure

C. A parameter

D. A dimension

23. When creating a histogram in Tableau, to what does bin size refer?

A. The maximum number of marks in the view.

B. The count distinct (COUNTD) of items on either axis.

C. The minimum number of axis ticks in the view.

D. The range of the continuous measure counted in each bin

24. Which three elements are included in a packaged workbook(.twbx)? Choose 3

A. Tableau Datasource Customization (TDC) files

B. Custom shapes

C. A PDF copy of the workbook

D. Extract files

E. Background images

25. The Shape option is available for which two views? Choose 2

A. Scatter plots

B. Side-by-side circles

C. Packed bubbles

D. Heat maps

26. What are two correct methods for creating a visual group? Choose 2

A. Drag a dimension onto another dimension in the Data pane.

B. Select marks in the view.

C. Click the drop-down arrow from the top of the Data pane.

D. Right-click a dimension in the Data pane.

27. \_\_\_\_\_ are most commonly used to show two ranges of values using color intensity to show the magnitude of the number and the actual color to show which range the number is from.

A. a sequential palette

B. a categorical palette

C. the full color range

D. a diverging palette

28. What are two use cases for creating hierarchies from the Data pane? Choose 2

A. To add drilldown functionality for fields

B. To create faster-performing queries

C. To organize related fields together

D. To concatenate all fields into a single field

29. In which situation should you save a workbook as a PDF document.

A. You need paper copies of the workbook.

B. Your analysis does not require a live connection to a data source

C. Your users have Tableau Desktop but not Tableau Reader

D. You want document users to be able to filter and sort the views

30. Which mark type is used in a highlight table?

- A Text
- B. Polygon
- C. Area
- D. Square

31. You need to uniformly change the size for all marks in a view.

What should you do?

- A, Use the Fit dropdown menu on the toolbar:.
- B. Select Format on the menu, and then select Cell Size.
- C. Select Size on the Marks card and use the slider to adjust the size
- D. Select Label on the Marks card and then select Alignment

32. From which three locations can you sort visualization? Choose 3

A Tooltip on the Marks card

- B. An axis
- C. A header
- D. A field label
- E. The Worksheet menu
- F. The Analysis menu

33. When creating a date filter in Tableau, to what does Anchor refer

- A. The date in a relative-date filter to which you anchor a unit of time.
- B. The date in a range-of-dates filter to which you anchor units of time.
- C. The latest date in the data source that can be found.
- D. The mid-point in the range of displayed dates.

34. At a minimum, what do you need to create a simple scatter plot.

- A. A measure on Columns and a measure on Rows
- B. A dimension on Columns and a measure on Rows
- C. A dimension on Detail and a measure on Columns
- D. A dimension on Columns and a dimension on Rows

35. Which two filter modes can you use with continuous filters. Choose 2

- A. Range of Values
- B. Special
- C. Single Values

D. Multiple Values

36. A dual-axis chart is useful for comparing two measures that \_\_\_\_\_.

- A. are Table Calculations
- B. have little in common
- C. are aggregated Dimensions
- D. have different scales

37. When should you use a relationship instead of a join for two data sets?

- A. To use both data sets across multiple sheets in a visualization.
- B. The data sets include similar data aggregated at different levels of detail
- C. The data sets include similar data aggregates up to the highest level
- D. The data sets are in two separate tables within a single spreadsheet

38. You have a bar chart that has a dimension on the Columns shelf and a measure on the Rows Shelf

How can you make a stacked bar chart?

- A. Drag another dimension to Color on the Marks card.
- B. Drag another measure to Color on the Marks card.
- C. Drag another dimension to Size on the Marks card.
- D. Drag another measure to the left of the measure on the Rows shelf

39. In an extract, What are three differences between a full refresh versus an incremental refresh? Choose 3

- A. An incremental refresh can only be run from Tableau server
- B. A full refresh replaces all the extracted data with the data in the underlying data source
- C. An incremental refresh only adds rows that are new
- D. A full refresh is usually very slow. An incremental refresh can take less time.
- E. A full refresh must be configured. An incremental refresh is the default extract in Tableau.

40. Which three statements accurately describe dimensions? Choose 3

- A. Contain qualitative values
- B. Contain numeric, quantitative values
- C. Can be continuous or discrete

D. Affect the formatting options in the view.

E. Affect the level of detail in the view

41. What is created by a calculated field that has a formula of  $\text{SUM}(\text{Sales})/\text{SUM}(\text{Profit})$

A. A measure

B. A set

C. A parameter

D. A dimension

42. What are three ways to access bolding options for the text in a tooltip? Choose 3

A. Right-click on the Field and select Format

B. Select Tooltip on the Marks card

C. Hover over a mark and press CTRL+B.

D. Hover over a mark and press ALT+F

E. Select Worksheet on the menu, and then select Tooltip.

F. Select Format on the menu, and then select Font

43. Which two types of fields appear blue? Choose 2

A. Continuous dimensions

B. Continuous measures

C. Discrete measures

D. Discrete dimensions

44. Which two actions can you perform when you join tables from multiple sources. Choose 2

A. Add a data source filter

B. Use a stored procedure

C. Create a union

D. Create an extract

45. What are three geographic roles that you can assign to a field? Choose 3

A. Time zone

B. City

C. Airport

D. Country

E. Address

46. Which two options can you use to change the device layout of a dashboard. Choose 2



A The Format menu

B. The Dashboard pane

C. The Layout pane

D. The Dashboard menu

47. What is a Tableau story point?

A. A collection of sheets arranged in a sequence

B. The pane where you set the size of the story

C. An individual sheet or dashboard in the story

D. A collection of talking points to drive the story

48. You need to access options to change a dimension's color palette.

In addition to the Marks card, what else us can use?

A. Edit in Shell

B. Edit Caption

C. The Formal menu

D. The Color legend

49. Which of the following is a discrete date part?

A 07Mar2017

B. 01/23/2021

C. February

D. 20Sep2016:9:8:8.6546

50. What are two use cases for a story? Choose two.

A. Present a data narrative to lead your audience to your conclusions.

B. Assemble a sequenced analysis to share with collaborators.

C. To allow for easier exporting to Power Point

D. Provide additional editing and interactive capabilities to your audience

51. What are three options to change the scope of a reference line? Choose3

A Per Pane

B. Fill Above

C. Entire Table

D. Per Cell

E. Maximum

### Question #1Topic 1

What are two methods for renaming a field in a visualization? (Choose two.)

- A. From the Data pane, use the field's drop-down menu and select Rename.
- B. From the Data pane, right-click the field and select Replace References.
- C. From the Data pane, click and hold on the field until the name is editable.
- D. From the Format menu, select Field Labels.

[Reveal Solution](#) [Discussion](#) 1

### Question #2Topic 1

Which statement accurately describes aliases?

- A. You can assign an alias to a field member before creating a visualization.
- B. When you assign an alias, the name changes in the database.
- C. You can create an alias for a discrete measure.
- D. You can create an alias for a continuous dimension.

[Reveal Solution](#) [Discussion](#) 4

### Question #3Topic 1

You need to invert the color intensity of a quantitative range. Which option should you use?

- A. Border
- B. Reversed
- C. Opacity
- D. Stepped Color

[Reveal Solution](#) [Discussion](#) 2

### Question #4Topic 1

You need to display the complete list of potential data connections when you connect to a server. What action should you perform?

- A. Select Connecting to Data.

- B. Select More under To a File.
- C. **Select More under To a Server.**
- D. Select File on the menu, and then select New.

[Reveal Solution](#)

#### Question #5Topic 1

When creating a data source, how can you add additional connections to different databases?

- A. From the drop-down menu of the current connection, select Edit Connection.
- B. **From the Connections pane, select Add.**
- C. From the Data menu, select New Data Source.
- D. From the File menu, select New.

[Reveal Solution](#) [Discussion](#) 5

#### Question #6Topic 1

What are two characteristics of relationships? (Choose two.)

- A. Relationships will query every table in a data model regardless of whether the fields are in the visualization.
- B. **Relationships will query only the tables and fields needed to create a visualization.**
- C. Relationships are only supported when using extracts.
- D. **Relationships are aware automatically of the native level of detail of logical tables.**

[Reveal Solution](#) [Discussion](#) 2

#### Question #7Topic 1

What are two examples of a date value? (Choose two.)

- A. January 1, 1995
- B. **December**
- C. **Wednesday**
- D. 2020-05-01

[Reveal Solution](#) [Discussion](#) 1

#### Question #8Topic 1

What are three reasons to use joins instead of relationships? (Choose three.)

- A. **You need to use a specific join type.**
- B. You need to create an extract that will have multiple tables.
- C. **You need to use row-level security.**

- D. You need to use a data model that supports shared dimensions.
- E. You need to connect to multiple databases.

#### Question #9 Topic 1

What are three benefits of using an extract as compared to a live connection to a data source? (Choose three.)

- A. A live connection to a data source provides the best performance for data connections.
- B. Calculated fields perform better in workbooks connected to extracts than in workbooks with live connections to a data source.
- C. Extracts are stored in memory (RAM), resulting in faster query performance as compared with live data connections.
- D. An extract reduces the amount of data stored on a client computer as compared to a live data connection.
- E. A live connection to a data source can be slow due to network and user traffic, whereas a connection to an extract improves performance.

[Reveal Solution](#) [Discussion](#) 2

#### Question #10 Topic 2

How can you access options to apply bold formatting to an axis in the view?

- A. Select Text on the Marks card.
- B. Select Field Labels on the Format menu.
- C. Right-click on the Field and select Format.
- D. Right-click on the axis.

[Reveal Solution](#) [Discussion](#) 1

#### Question #11 Topic 2

With the Marks card drop-down menu set to Automatic, a line chart will be created whenever you place what on the Rows shelf and the Columns shelf?

- A. Measures on one shelf, and a date dimension on the other
- B. Zero or more dimensions on one shelf, and 2 or more measures on the other
- C. Zero or more measures on one shelf, and 2 or more dimensions on the other
- D. A date dimension followed by a continuous measure on one shelf

[Reveal Solution](#) [Discussion](#) 1

#### Question #12 Topic 2

When should you use a relationship instead of a join for two data sets?

- A. To use both data sets across multiple sheets in a visualization.
- B. The data sets are in two separate tables within a single spreadsheet.

- C. The data sets include similar data aggregated at different levels of detail.
- D. The data sets include similar data aggregated up to the highest level.

[Reveal Solution](#) [Discussion](#) 1

### Question #13Topic 2

What is created by a calculated field that has a formula of SUM(Sales) / SUM(Profit)?

- A. A measure
- B. A dimension
- C. A set
- D. A parameter

[Reveal Solution](#) [Discussion](#)

### Question #14Topic 2

Which two types of fields appear blue? (Choose two.)

- A. Continuous measures
- B. Discrete dimensions
- C. Discrete measures
- D. Continuous dimensions

[Reveal Solution](#) [Discussion](#) 2

### Question #15Topic 2

Which two filter modes can you use with dimension filters? (Choose two.)

- A. Range of Values
- B. At most
- C. Wildcard Match
- D. Multiple Values (drop-down)

[Reveal Solution](#) [Discussion](#) 1

### Question #16Topic 2

When viewing quick table calculations, such as Percent Difference from, that use a value in the previous column, what will be the first data value in the visualization?

- A. Zero (0)
- B. Null
- C. Duplicated from the nearest column
- D. The current value

[Reveal Solution](#) [Discussion](#) 1

#### Question #17Topic 2

Which two types of aggregations can be applied to string fields? (Choose two.)

- A. Minimum
- B. Sum
- C. Average
- D. Count Distinct

[Reveal Solution](#) [Discussion](#) 3

#### Question #18Topic 2

You create a crosstab that shows a list of 100 hotel chains alongside their average nightly cost. You also create two groups showing, respectively, the top 10 and bottom 10 hotel chains by cost, with subtotals.

What should you do to improve the crosstab and compare the two groups to all the remaining hotel chains?

- A. Create a new view.
- B. Color encode the hotel chain names.
- C. Include an Other group.
- D. Include the Summary card.

[Reveal Solution](#) [Discussion](#)

#### Question #19Topic 2

You have the following string value: Sales Data.  
Which calculated field produces an output of Sales?

- A. LEFT ("Sales Data")
- B. LEFT ("Sales Data", 5)
- C. LTRIM ("Sales Data")
- D. RTRIM ("Sales Data")

[Reveal Solution](#) [Discussion](#) 4

#### Question #20Topic 2

You create a dual axis chart that shows sales and profit over time.  
What should you do to distinguish sales from profit? (Choose two.)

- A. Adjust the time frame displayed.
- B. Change the mark types of sales and profit.
- C. Adjust the aggregations for sales and profit to be different.
- D. Change the color of sales and profit.

[Reveal Solution](#) [Discussion](#) 1

#### Question #21Topic 2

What are two use cases for creating hierarchies from the Data pane? (Choose two.)

- A. To organize related fields together
- B. To add drilldown functionality for fields
- C. To create faster-performing queries
- D. To concatenate all fields into a single field

[Reveal Solution](#) [Discussion](#) 3

#### Question #22Topic 2

From which three locations can you sort a visualization? (Choose three.)

- A. The Analysis menu
- B. Tooltip on the Marks card
- C. An axis
- D. The Worksheet menu
- E. A field label
- F. A header

[Reveal Solution](#) [Discussion](#) 1

#### Question #23Topic 2

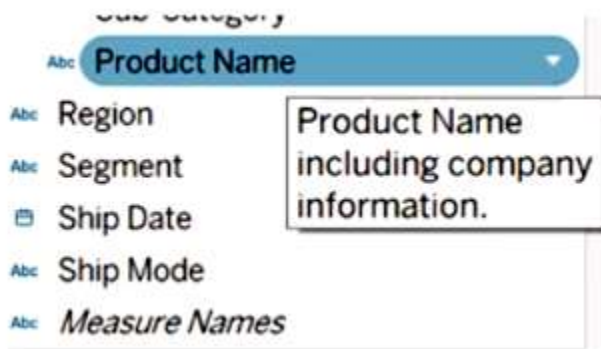
Which statement accurately describes creating a group by selecting headers in a view?

- A. The grouped dimension is added to Color.
- B. A newly created group only exists in the current view.
- C. A new group updates the aliases from the selected headers.
- D. The grouped dimension replaces the original dimension field on Rows or Columns.

[Reveal Solution](#) [Discussion](#) 1

#### Question #24Topic 2

You want to provide additional information when hovering over a field in the Data pane as shown in the following exhibit.



What should you configure for the field?

- A. An alias
- B. A header label
- C. A default comment
- D. A hierarchy

#### Question #25 Topic 2

You are creating a combined axis chart.

Where should you drag the second measure after dragging the first measure to the Rows shelf?

- A. The Marks card
- B. The Filter card
- C. The horizontal axis in the view
- D. The vertical axis in the view

[Reveal Solution](#) [Discussion](#) 4

#### Question #26 Topic 2

To best improve the display of a scatter plot that has overlapping shapes, you should adjust the \_\_\_\_\_ of the marks.

- A. mark size
- B. mark borders
- C. color opacity
- D. color palette

[Reveal Solution](#) [Discussion](#) 3

#### Question #27 Topic 2

The option to create bins is available for which type of field?

- A. Boolean
- B. Numeric
- C. Date



- D. String

[Reveal Solution](#) [Discussion](#) 1

#### Question #28Topic 2

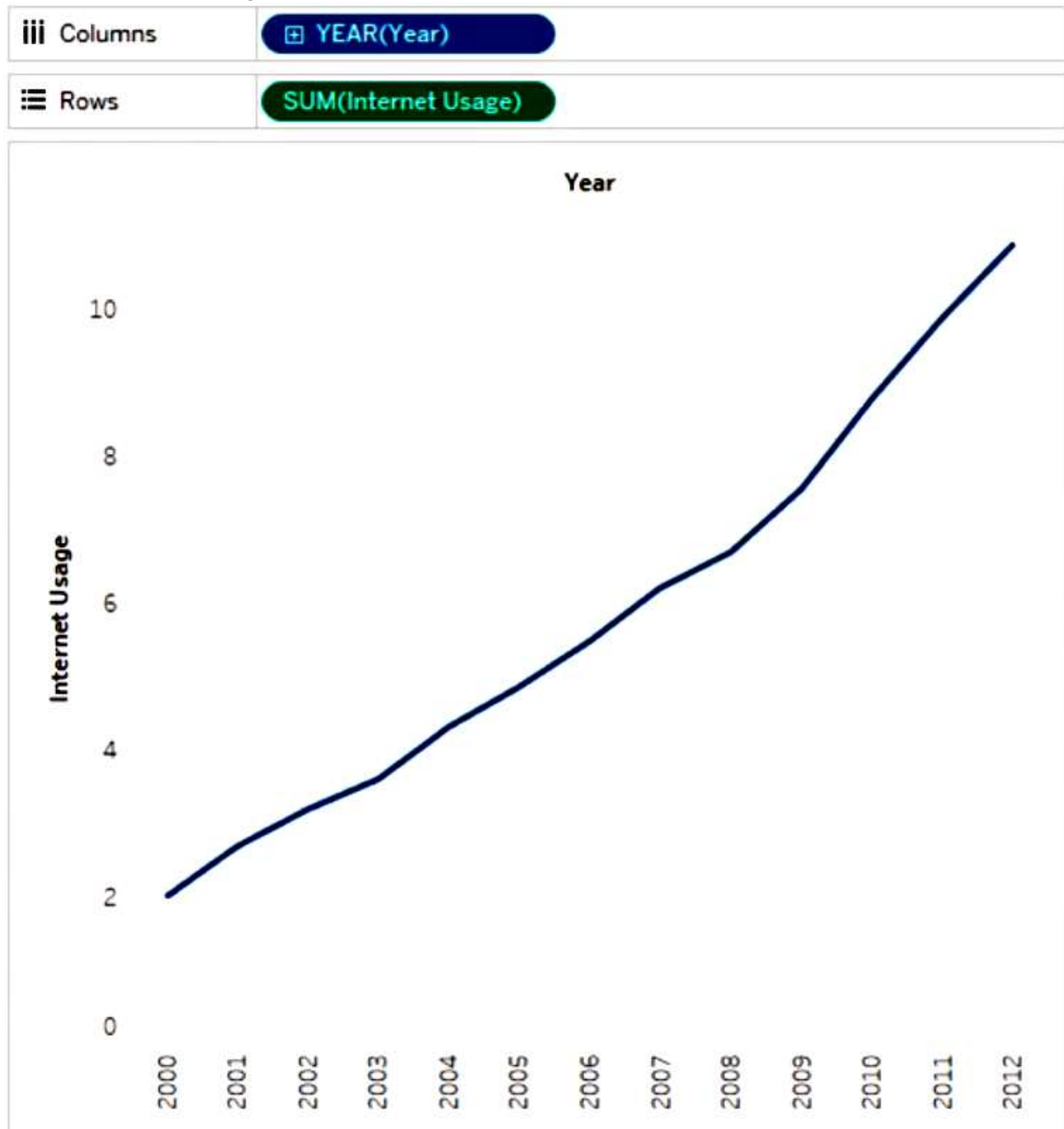
Which mark type is used in a highlight table?

- A. Area
- B. Square
- C. Polygon
- D. Text

[Reveal Solution](#) [Discussion](#) 1

#### Question #29Topic 2

You have the following visualization.



You need to show how Internet Usage values change from year-to-year as a percentage. Which quick table calculation should you apply to the Internet Usage field?

- A. Percentile
- B. Difference
- C. Compound growth rate
- D. **Percent difference**

[Reveal Solution](#) [Discussion](#) 1

### Question #30Topic 2

You have a bar chart that has a dimension on the Columns shelf and a measure on the Rows shelf.

How can you make a stacked bar chart?

- A. Drag another measure to Color on the Marks card.
- B. Drag another measure to the left of the measure on the Rows shelf.
- C. Drag another dimension to Size on the Marks card.
- D. Drag another dimension to Color on the Marks card.

[Reveal Solution](#) [Discussion](#) 4

#### Question #31 Topic 3

Which three elements are included in a packaged workbook (.twbx)? (Choose three.)

- A. Background images
- B. A PDF copy of the workbook
- C. Custom shapes
- D. Tableau Datasource Customization (TDC) files
- E. Extract files

[Reveal Solution](#) [Discussion](#) 2

#### Question #32 Topic 3

In which situation should you save a workbook as a PDF document?

- A. Your users have Tableau Desktop but not Tableau Reader.
- B. You want document users to be able to filter and sort the views.
- C. Your analysis does not require a live connection to a data source.
- D. You need paper copies of the workbook.

[Reveal Solution](#) [Discussion](#) 3

#### Question #33 Topic 3

What are three ways to access bolding options for the text in a tooltip? (Choose three.)

- A. Hover over a mark and press CTRL+B.
- B. Hover over a mark and press ALT+F.
- C. Right-click on the Field and select Format.
- D. Select Worksheet on the menu, and then select Tooltip.
- E. Select Tooltip on the Marks card.
- F. Select Format on the menu, and then select Font.

[Reveal Solution](#) [Discussion](#) 4

#### Question #34 Topic 3

What is a Tableau story point?

- A. A collection of sheets arranged in a sequence
- B. A collection of talking points to drive the story
- C. The pane where you set the size of the story
- D. An individual sheet or dashboard in the story

[Reveal Solution](#) [Discussion](#) 3

#### Question #35 Topic 3

The Shape option is available for which two views? (Choose two.)

- A. Scatter plots
- B. Side-by-side circles
- C. Heat maps
- D. Packed bubbles

[Reveal Solution](#) [Discussion](#) 3

#### Question #36 Topic 3

Which statement accurately describes adding a dashboard layout for a mobile device?

- A. Dashboards designed in portrait mode are optimal for viewing on a phone.
- B. Dashboard device layout changes will be saved between workbooks.
- C. Only workbooks published to Tableau Online support mobile layouts.
- D. Dashboard changes made for one device layout apply to other device layouts.

[Reveal Solution](#) [Discussion](#)

#### Question #37 Topic 3

What are two use cases for a story? (Choose two.)

- A. Present a data narrative to lead your audience to your conclusions.
- B. Provide additional editing and interactive capabilities to your audience.
- C. To allow for easier exporting to Power Point.
- D. Assemble a sequenced analysis to share with collaborators.

[Reveal Solution](#) [Discussion](#) 2

#### Question #38 Topic 3

What two methods can you use to change the font of a worksheet title? (Choose two.)

- A. Select Format on the menu, and then select Title and Caption.
- B. Select Format on the menu, and then select Font.
- C. Double-click the title in a particular view and use the dialog box.

- D. Right-click the title in a view, and then select Format Title.

[Reveal Solution](#) [Discussion](#) 5

#### Question #39 Topic 4

Which three statements accurately describe dimensions? (Choose three.)

- A. Contain qualitative values
- B. Affect the level of detail in the view
- C. Affect the formatting options in the view
- D. Can be continuous or discrete
- E. Contain numeric, quantitative values

[Reveal Solution](#) [Discussion](#) 1

#### Question #40 Topic 4

You need to access options to change a dimension's color palette.  
In addition to the Marks card, what else can you use?

- A. Edit in Shelf
- B. Edit Caption
- C. The Format menu
- D. The Color legend

[Reveal Solution](#) [Discussion](#)

Which two types of data are represented as dimensions in Tableau Desktop? (Choose two.)

- A. Names of people such as students, customers, and so on
- B. Numerical totals such as test scores, sales and profit totals, and so on
- C. Names of regions such as East, West, and so on
- D. Tableau-generated latitude and longitude coordinates

[Show Suggested Answer](#)

You create a visualization by first adding a measure to rows. Next, you add a dimension with 11 members to columns.

Assuming that all the dimensions have a non-zero value how many marks are in the view before and after the dimension is added?

- A. 1 before and 12 after
- B. 1 before and 11 after
- C. 2 before and 11 after
- D. 1 before and 2 after

[Show Suggested Answer](#)

You need to apply the same font to an entire workbook at one time.  
What should you do?

- A. Select Format on the menu, and then select Field Labels
- B. Select Format on the menu, and then select Workbook
- C. Select Help on the menu, and then select Settings and Performance
- D. Select Format on the menu, and then select Title and Caption

[Show Suggested Answer](#)

To display data that has both negative and positive quantitative values, Tableau Desktop will display marks by using \_\_\_\_\_ as the default.

- A. a sequential palette
- B. the full color range
- C. a diverging palette
- D. a categorical palette

What are two correct methods to change the data type of a field? (Choose two.)

- A. From the Data Source tab, click on the drop-down menu of the field
- B. From the Data pane, select and hold the field
- C. From the Data Source tab, click the data type icon of the field
- D. From the Data pane, click on the drop-down menu of the field

[Show Suggested Answer](#)

When creating a histogram in Tableau, to what does bin size refer?

- A. The maximum number of marks in the view
- B. The range of the continuous measure counted in each bin

- C. The count distinct (COUNTD) of items on either axis
- D. The minimum number of axis ticks in the view

[Show Suggested Answer](#)

Tableau will automatically create a hierarchy for which two kinds of data? (Choose two.)

- A. Date & Time
- B. Date
- C. String
- D. Geographic

Which action describes the process for changing a measure so that it automatically aggregates an average instead of a sum?

- A. Right-click the field in the Data pane and select Change Data Type to change it.
- B. Add the field to the view, right-click the axis, and select Format to change it.
- C. Right-click and drag the field into the view to change it.
- D. Right-click the field in the Data pane and select Default Properties to change it.

What is the default behavior of Tableau when you add a measure to the view?

- A. An aggregation is applied that varies depending on the context of the view.
- B. You are prompted to add an aggregation.
- C. The measure is added disaggregated.
- D. An aggregation is applied that is independent of the context of the view.

When creating a date filter in Tableau, to what does Anchor relative to refer?

- A. The latest date in the data source that can be found.
- B. The mid-point in the range of displayed dates.
- C. The date in a relative-date filter to which you anchor a unit of time.
- D. The date in a range-of-dates filter to which you anchor units of time.

[Show Suggested Answer](#)

A dual axis chart is useful for comparing two measures that \_\_\_\_\_.

- A. are Table Calculations
- B. have different scales
- C. are aggregated Dimensions
- D. have little in common

[Show Suggested Answer](#)

At a minimum, what do you need to create a simple scatter plot?

- A. A measure on Columns and a measure on Rows
- B. A dimension on Detail and a measure on Columns
- C. A dimension on Columns and a measure on Rows
- D. A dimension on Columns and a dimension on Rows

[Show Suggested Answer](#)

You have a visualization that uses multiple types of sorting.  
How can you clear all sorting of the visualization?

- A. From the Dashboard menu, select Clear.
- B. Right-click a sorted field, and then select Clear Sort.
- C. From the Worksheet menu, select Clear, and then select Sorts.
- D. From the Header label, select the sort icon.

What are three options to change the scope of a reference line? (Choose three.)

- A. Maximum
- B. Entire Table
- C. Per Pane
- D. Fill Above
- E. Per Cell



Which two statements accurately describes measures? (Choose two.)

- A. They affect the level of detail in the view
- B. They contain qualitative values
- C. They can be continuous or discrete
- D. They contain numeric, quantitative values

[Show Suggested Answer](#)

You want to save a view as an image that you can paste into a Microsoft Word document. Which two statements accurately describe exporting a view as an image? (Choose two.)

- A. The exported image is a vector based file that embeds the Tableau fonts.
- B. The default export format is TIFF.
- C. The default export format is PNG.
- D. Default exports include everything in the view including Tableau fonts.

[Show Suggested Answer](#)

Which three statements accurately describes the capabilities of dashboard actions? (Choose three.)

- A. Can have multiple source and target sheets
- B. Can be set to run on Hover, Select, or Menu
- C. Can be set to Filter, Highlight, or Go to URL
- D. Can be set to dynamically update when a workbook opens
- E. Can be set to be triggered on a data value

[Show Suggested Answer](#)

You have a dashboard that shows car rental statistics by city, including a field named Car Dropoff City in the view. A URL action in the dashboard uses `https://en.wikipedia.org/wiki/<Car Dropoff City>` as the URL target.

When you click Salt Lake City in the view, to where will the URL action direct you?

- A. `https://en.wikipedia.org/wiki/Salt_Lake_City`
- B. `https://en.wikipedia.org/wiki/Salt+Lake+City+Car+Dropoff+City`
- C. `https://en.wikipedia.org/wiki/<Car Dropoff City>`

- D. <https://en.wikipedia.org/wiki/Salt-Lake-City>

### Show Suggested Answer

You create the following visualization.



What is the first step to create the visual grouping of the 10 marks shown in blue?

- A. Select the desired 10 marks in the view
- B. Select the desired 10 text labels under Property Description
- C. Create a Group on the Property Description field in the Data pane
- D. Create a Set on the Neighborhood field in the Data pane

Which two options can you use to change the device layout of a dashboard? (Choose two.)

- A. The Layout pane
- B. The Dashboard menu
- C. The Dashboard pane
- D. The Format menu

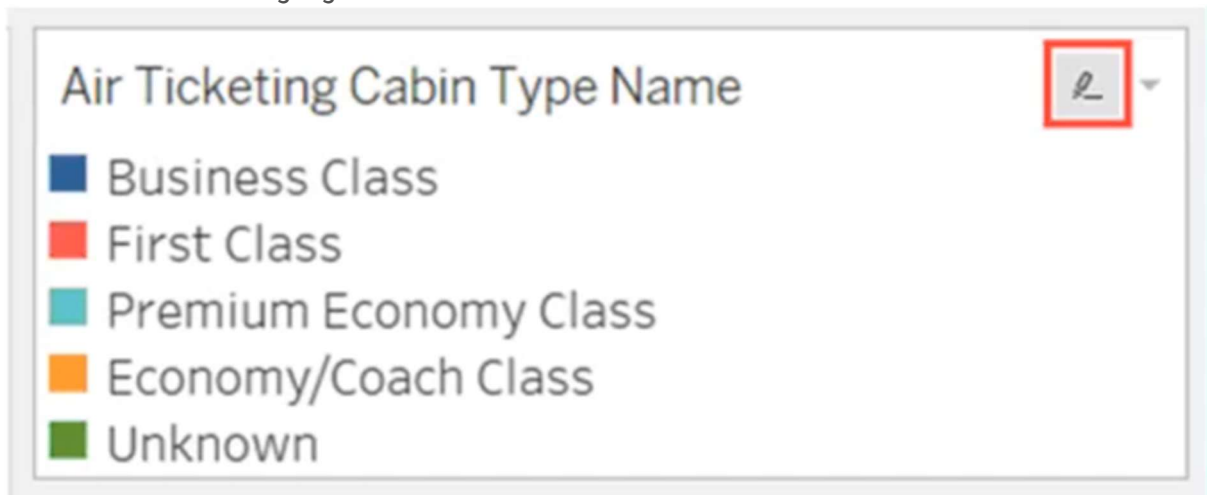
Which two analytics options are available for a scatter plot view? (Choose two.)

- A. Forecast

- B. Reference lines
- C. Totals
- D. Trend lines

[Show Suggested Answer](#)

You have the following legend.



What occurs when you click the icon to the right of Air Ticketing Cabin Type Name?

- A. The legend toggles on or off
- B. The highlighter toggles on or off
- C. The filter options open
- D. The Edit Colors dialog box opens

Which chart type uses automatically generated sizes that cannot be resized by using the Marks card?

- A. Heat maps
- B. Density map
- C. Side-by-side circles
- D. Packed bubbles

[Show Suggested Answer](#)

What are two correct methods for creating a visual group? (Choose two.)

- A. Right-click a dimension in the Data pane
- B. Click the drop-down arrow from the top of the Data pane
- C. Select marks in the view
- D. Drag a dimension onto another dimension in the Data pane

[Show Suggested Answer](#)

Which two filter modes can you use with continuous filters? (Choose two.)

- A. Multiple Values
- B. Single Values
- C. Range of Values
- D. Special

What are two ways that dimensions and measures are different? (Choose two.)

- A. Dimensions can be used in calculated fields and measures cannot
- B. Measures are aggregated and dimensions are not
- C. Dimensions affect the level of detail of a visualization and measures do not
- D. Measures can be used as filters and dimensions cannot