



Quiz: Lesson 4: Designing Reports with SAS Visual Analytics

Your Score: 80% Congratulations! Your score indicates that you have mastered the topics in this course. You can review the feedback and when you're finished, exit the lesson.



1. Which data would work well in a dual axis chart?

- a. Efficiency (ranging from 0%-100%), Number of Employees (ranging from 100-900), and Month
- b. Efficiency (ranging from 0%-100%), Number of Employees (ranging from 100-900), and Costs (ranging from \$50-\$685)
- c. Efficiency (ranging from 0%-100%), Product Line, and State
- d. Number of Employees (ranging from 100-900), State, and Month

Your answer: a

Correct answer: a

Dual axis charts are great for comparing two series with different ranges for some category or date data item.



2. Which data would be best displayed in a pie chart?

a. Order Type and Profit

Order Type	Profit
Retail	\$150
Catalog	\$0
Internet	\$100

b. Gender and Sales

Gender	Sales
Female	\$1,095
Male	\$1,105

c. Customer Group and Number of Orders

Customer Group	Number of Orders
Silver members	950

Gold members	10
Platinum members	200

d. Job Title and Number of Employees

Job Title	Number of Employees
CEO	1
General Manager	3
Office Manager	10
Data Clerk	15
Bookkeeper	15
Senior Title Clerk	12
Title Clerk	9
Shop Manager	20
Senior Mechanic	17
Mechanic	38

Your answer: c

Correct answer: c

A pie chart is best used to compare a few groups (five or less) whose values vary greatly. Pie charts cannot display a slice with 0 or negative values.

Order Type and Profit have a 0 value.

Gender and Sales have values that are too close together.

Job Title and Number of Employees has too many groups.



3. What is **not** a good use of a hidden page?

- a. To display instructions for pages in the report
- b. To give details about the report to designers
- c. To show additional details about a specific area
- d. To advance a part of your data story

Your answer: d

Correct answer: d

Hidden pages are useful for communicating details about the report to other designers or can be linked to from an object on a regular page to display instructions or to show additional details about a specific area.

Regular pages should be used to advance your data story.



4. A variety of filters can be applied to a report and modified by the report viewer. Which type of filter enables the viewer to subset all the data on a page? Assume no parameters are used.

- a. Report prompt
- b. Data source filter
- c. Local filter
- d. Linked selection action

Your answer: b

Correct answer: a

Page and report prompts enable the viewer to subset all the data in the report or on a page.



5. Which control object can be used with a date or measure data item?

- a. Slider
- b. Button bar
- c. Drop-down list
- d. Text input

Your answer: a

Correct answer: a

A slider control should be used with date and measure data items.



6. Which control object should be used with a category with two distinct values?

- a. Slider
- b. Button bar
- c. Drop-down list
- d. Text input

Your answer: b

Correct answer: b

Categories with few distinct values (less than 5) can be used with a button bar.

Categories with a moderate number of distinct values (between 5 and 40) can be used with a drop-down list.

Categories with many distinct values (more than 40) can be used with a text input

control.



7. Which control object should be used with a category with 550 distinct values?

- a. Slider
- b. Button bar
- c. Drop-down list
- d. Text input

Your answer: d

Correct answer: d

Categories with few distinct values (less than 5) can be used with a button bar.

Categories with a moderate number of distinct values (between 5 and 40) can be used with a drop-down list.

Categories with many distinct values (more than 40) can be used with a text input control.



8. Which action enables you to see the same data highlighted in multiple report objects simultaneously?

- a. Linked selection
- b. Filter
- c. Highlight
- d. Prompt

Your answer: a

Correct answer: a

A linked selection action enables you to show the same data highlighted simultaneously in two or more report objects.



9. Which types of display rules are available for a list table?

- a. Color-mapped values, traffic light, and expression
- b. Gauge, color-mapped values, and expression
- c. Expression and gauge only
- d. Color-mapped values and traffic light only

Your answer: c

Correct answer: b

For list tables, three types of display rules are available: expression, color-mapped

values, and gauge.



10. What type of display rules are available at the report level?

- a. Gauge
- b. Color-mapped values
- c. Expression
- d. Traffic light

Your answer: b

Correct answer: b

Color-mapped values display rules can be applied at the report level.

Close

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