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Quiz: Lesson 2 - Restructuring Data for Geographic Mapping

Your Score: 100% 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.

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1. Which transform in SAS Data Studio enables you to uppercase character data?

   a. Change case in the Column Transforms group
   b. Casing in the Data Quality Transforms group
   c. Uppercase data in the Data Quality Transforms group
   d. Convert column in the Column Transforms group

   Your answer: a
   Correct answer: a

   The Change case transform, in the Column Transforms group, enables you to uppercase or lowercase character data.

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2. Which transform in SAS Data Studio enables you to propercase character data based on a definition?

   a. Change case in the Column Transforms group
   b. Casing in the Data Quality Transforms group
   c. Propercase data in the Data Quality Transforms group
   d. Convert column in the Column Transforms group

   Your answer: b
   Correct answer: b

   The Casing transform, in the Data Quality Transforms group, enables you to propercase character data based on a definition.

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3. Which type of geo map should be used with very dense data?

   a. Coordinate with scatter plot
   b. Coordinate with bubble plot
   c. Region
   d. Contour

   Your answer: d
   Correct answer: d

   Contour geo maps are best used to show very dense data.

4. For which type of geo map will larger regions seem more emphasized than smaller ones?

display

    a. Coordinate with scatter plot
    b. Coordinate with bubble plot
    c. Region
    d. Contour

Your answer: c
Correct answer: c

For region geo maps, larger regions seem more emphasized than smaller ones, which can skew your analysis.

5. Which type of geo map can be used when there is NOT an even distribution of values within each region?

    a. Coordinate with scatter plot
    b. Coordinate with bubble plot
    c. Region
    d. Choropleth

Your answer: b
Correct answer: b

Geo region and coordinate maps with a scatter plot should only be used when there is an even distribution of values within each region. Geo coordinate maps with a bubble plot, however, can be used even when data is not evenly distributed.

6. What is needed to create a geography data item using geographic name or code lookup?

    a. Latitude
    b. Longitude
    c. Geographic data provider
    d. Country names or codes

Your answer: d
Correct answer: d

To create a geography data item using geographic name or code lookup, you need either: (a) country or region names, codes, or IDs, (b) subdivision names or IDs, (c) US state names or abbreviations, or (d) US postal codes.

7. What is needed to create a geography data item using latitude and longitude in data?

    a. Latitude and longitude
    b. Geographic data provider
    c. Country names or codes

      d. US postal codes

Your answer: a
Correct answer: a

To create a geography data item using latitude and longitude in data, latitude and longitude values are required.

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8. What is needed to create a geography data item using custom polygonal shapes?

      a. Latitude and longitude
      b. Geographic data provider
      c. Country names or codes
      d. US postal codes

Your answer: b
Correct answer: b

To create a geography data item using custom polygonal shapes, a geographic data provider must be defined and a table must be loaded to CAS.

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9. Which type of geo map enables you to cluster adjacent markers?

      a. Coordinate with scatter plot
      b. Coordinate with bubble plot
      c. Region
      d. Contour

Your answer: a
Correct answer: a

The geo coordinate map with a scatter plot contains an option that enables you to cluster adjacent markers.

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10. Which type of geo map enables you to add a measure to determine the size of the marker?

      a. Coordinate
      b. Region
      c. Contour
      d. Choropleth

Your answer: a
Correct answer: a

Coordinate geo maps have the Size role, which enables you to add a measure to determine the size of the marker.

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