✓ **Congratulations! You passed!**
TO PASS 80% or higher

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GRADE
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Let's Make a Viz!

LATEST SUBMISSION GRADE
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1. What does "grain of the data" mean?

   `1 / 1 point`

   ○ What one column of data represents

   ● What one row of data represents

   ✓ **Correct**
   The "grain" of the data is what one row of that data represents. For example, if you have a list of customers and they are not duplicated, then the grain is one customer.

2. What is the "grain" of the London Bus Safety Performance data set?

   `1 / 1 point`

   ● One victim of a bus accident in London, UK

   ○ One month of bus accidents in London, UK

   ○ One bus accident in London, UK

   ✓ **Correct**
   As stated in the video, one row of this data represents one single victim of a bus accident in London, UK.

3. What is a great way to use a bar chart?

   `1 / 1 point`

   ○ Showing overlap

   ○ Showing cause-and-effect relationships

   ● Finding patterns in your data

   ✓ **Correct**

4. What happens when you add a dimension to the Rows shelf if you already have the Number of Records on the view, displayed as text?

   `1 / 1 point`

   ○ Tableau throws an error because you cannot show the Number of Records as text.

   ● Tableau automatically does a "group by" on that dimension and aggregates the Number of Records field.

   ✓ **Correct**
   If you already have the Number of Records displaying as text, Tableau will do a "group by" on your new dimension, aggregating the Number of Records using a sum as the default, unless you've specified a different aggregation.

5. Tableau automatically creates a _____ for any date field

   `1 / 1 point`

   ○ Worksheet

   ● Hierarchy

   ○ Line chart

   ✓ **Correct**

6. Once you expand a date hierarchy, you cannot collapse it again.

   `1 / 1 point`

   ○ True

   ● False

   ✓ **Correct**
   You can expand/collapse a hierarchy as many times as you would like by clicking the plus (+) and minus (-) signs respectively.

7. During which phase of building a visualization do treemaps work particularly well?

   `1 / 1 point`

   ● Data exploration phase

   ○ Question-asking phase

   ○ Decluttering phase

✓ **Correct**

Treemaps allow you to spot correlations or anti-correlations during your data exploration phase especially when you use two different measures - one would go on Size and the other on Color.

8. What is the maximum number of measures you can have in your view for the treemap button to light up on the Show Me menu? **1 / 1 point**

○ One measure

◉ Two measures

✓ **Correct**

You can have 1 or 2 measures, and you need at least one dimension to make a treemap.

9. In general, people in the Western world read from _____ so it is a good idea to organize our dashboards to fit this paradigm. **1 / 1 point**

○ Right to left, bottom to top

◉ Left to right, top to bottom

✓ **Correct**

People in the Western world usually read from left to right, top to bottom, so the most important things should usually go in the top left.

10. Which of the following are options under "Run on..." in the Add Filter Action dialogue box? (Select all that apply.) **1 / 1 point**

☐ Format

☑ Select

✓ **Correct**

One of the options available under the "Run on..." section of the Add Filter Action dialogue box is to run on Select, or click.

☑ Hover

✓ **Correct**

One of the options available under the "Run on..." section of the Add Filter Action dialogue box is to run on Hover, or mouseover.

☑ Menu

✓ **Correct**

One of the options available under the "Run on..." section of the Add Filter Action dialogue box is to allow a user to click a Menu.

☐ Copy