

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

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GRADE  
**90%**

## Let's Make a Viz!

LATEST SUBMISSION GRADE  
**90%**

1. What do you think “grain of the data” means?

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?

0 / 1 point

- ☐ One victim of a bus accident in London, UK
- ☐ One bus accident in London, UK
- ☒ One month of bus accidents in London, UK

! **Incorrect**

Please revisit the lesson: **What Questions Are We Trying To Answer?**

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

1 / 1 point

- ☐ Showing cause-and-effect relationships
- ☒ Finding patterns in your data
- ☐ Showing overlap

4. Which route has the most incidents?

1 / 1 point

- ☒ OOS
- ☐ Westminster
- ☐ 390

✓ Correct

The route called "OOS" has the most incidents. It probably means "Out of Service" so even though it's not technically a route, it's still data so we're going to keep it.

5. Tableau automatically creates a \_\_\_\_\_ for any date field

1 / 1 point

- ☒ Hierarchy
- ☐ Worksheet
- ☐ Line chart

✓ Correct

6. Select the correct statement.

1 / 1 point

- ☐ Once you expand a date hierarchy, you cannot collapse it again.
- ☒ You can expand/collapse a date hierarchy as many times as you would like.

✓ 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
- ☐ Data gathering phase
- ☐ Presentation 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 minimum number of dimensions you must have in your view for the treemap button to light up on the Show Me menu?

1 / 1 point

- ☒ One dimension
- ☐ Two dimensions

✓ Correct

You need to have one or more dimensions, and 1 or 2 measures 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.

this paradigm.

- ☐ 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

☒ 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.

☐ Format

☐ Copy

☒ 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.

