

Module 1

Let's Make a Viz!

1.

Question 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.

Question 2

What is the “grain” of the London Bus Safety Performance data set?

0 / 1 point



One bus accident in London, UK



One month of bus accidents in London, UK



One victim of a bus accident in London, UK

Incorrect

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

3.

Question 3

What is a great way to use a bar chart?

1 / 1 point



Finding patterns in your data



Showing overlap



Showing cause-and-effect relationships

Correct

4.

Question 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.

Question 5

Tableau automatically creates a _____ for any date field

1 / 1 point



Hierarchy



Worksheet



Line chart

Correct

6.

Question 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.

Question 7

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

1 / 1 point

☐

Question-asking phase

☒

Data exploration 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.

Question 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.

Question 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.

Question 10

Which of the following are options under “Run on...” in the Add Filter Action dialogue box? (Select all that apply.)

1 / 1 point

☐

Focus

☒

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.

☒

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.

☒

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.

☐

Download