## $\checkmark \ \ {\sf Congratulations!} \ {\sf You} \ {\sf passed!}$

TO PASS 80% or higher



grade 100%

## Module 3 Quiz

LATEST SUBMISSION GRADE	
100%	

1.	An example of leveraging white space means that  The bars in a bar graph should not be too wide or too narrow.  You must leave a lot of room between the titles and data.  You must stretch the graph to narrow the margins.  Fill white space with a legend.  Correct  White space is crucial in ensuring that the audience picks up on either similarities or differences in a category.	1/1 point
2.	True/False: You can use any combination of fonts you'd like to add pop to your visual.  False  True  Correct  Stick to the basics and don't go overboard. You will lose your audience with too many font choices as well as	1/1 point
3.	make the visualization less effective.  Choose the most appropriate way to design a visualization.	1/1 point
	<ul> <li>Add a paragraph in small font as a footnote to the visualization to explain every nuance of the data.</li> <li>Use a fun font like Comic Sans to get the reader's attention.</li> <li>Do not coordinate the color of the text with the color of the category.</li> <li>€ Choose a corporate or a standard font that is consistent and easy to read.</li> <li>✓ Correct         Some organizations require you to use the right fonts, but if that's not the case, be conservative in your choice of typeface.     </li> </ul>	
4.	True/False: The Gestalt principle of proximity and the first law of geography are closely related.  False  True	(1/1 point)
	Correct Tobler's first law of geography and the Gestalt principle of proximity are virtually the same thing.	
	The Gestalt principle of proximity does not mean  If a data point is not close to other points then it is not related at all.  Things that are close to each other are more likely to be related than those that are further apart.	1/1 point
	Just because a data point isn't close doesn't mean it's not related. If fact, the lack of proximity can help gain insight into the data.	_
6.	What would be the best guess for why there were Cholera deaths of people outside of the neighborhood of the polluted water pump?  Polluted water was not the cause of Cholera. There must be some other cause.  The researcher was wrong about determining what were polluted pumps.  The victims died of something other than Cholera.  The victims who lived outside of the hot spot consumed water from the polluted pump despite living further away from the pump.	1/1 point
	Correct Do not infer without evidence that the data are "wrong" or the science is wrong or the epidemiology is wrong. The most likely explanation is that the polluted water pump was still responsible even if the victim didn't live nearby.	

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14. Anscombe's quartet showed 1/1 point			

Visualizations are necessary and complements summary statistics.

0	Summary statistics are not helpful in any way because they mask problems with the data.
0	Visualizations are sufficient.
0	Correlation is causation.
,	Correct It seems trivial now, but both summary statistics and visualizations are crucial to understanding the data you have.