

Data Visualization and Its Importance week 1 Answers

Congratulations! You passed!

Grade received 90%

Latest Submission Grade 90%

To pass 80% or higher

Go to next item

1.

Question 1

What is data visualization?

1 / 1 point



The communication of numerical or quantitative information in a visual manner.



Using any process to capture any type of data.



Using information technology practices to search for and gather data



Using cognitive meditation practices to memorize information

Correct

While the design of charts and graphs is part of what a data visualization practitioner does, it's not all a data visualization practitioner does.

2.

Question 2

Print, an interactive web page, modeling clay, and crayons on paper are all acceptable media for a data visualization.

1 / 1 point



False



True

Correct

These are all acceptable media for data visualization. While some of them may be unorthodox, that is no reason to avoid using any of them to make a data viz.

3.

Question 3

What kind of information is documented on the walls of the Lascaux Cave in Southern France, dating back to the Pleistocene era?

0 / 1 point



Astronomical information about the locations of stars.



Geographical information about the locations of brontosaurus graveyards.



Migration information about different herds of prey animals.

Incorrect

Detailed astronomical information about the locations of stars can be found in the Lascaux Cave, dating all the way back to the Pleistocene era in Southern France. Please revisit lesson **What is Data Visualization and Why Do We Do It?**

4.

Question 4

The Turin Papyrus map is one of the earliest documented data visualizations. What is the map about?

1 / 1 point



The location of stone needed to build an Egyptian tomb.



Napoleon's Russian campaign



The location of cholera cases

Correct

The Turin Papyrus map dates back to about 1160 BCE, and shows the location of stone needed to build the tomb of King Ramesses the 4th.

5.

Question 5

The information-seeking mantra states:

1 / 1 point



Visualization is good for cleaning up your data.



Overview first, zoom and filter, then details on demand.

Correct

Show everything on the screen at once to give an overview, then let the user zoom in on what they want and filter what they don't. Then they can click a marker to get the details.

6.

Question 6

What is the goal of visualization?

1 / 1 point



Insights



Pictures

Correct

The goal of visualization is insight, not pictures.

7.

Question 7

Which Tableau product is free and used to make new visualizations?

1 / 1 point



Tableau Public



Tableau Prep



Tableau Desktop

Correct

Tableau Public is the free version of Tableau Desktop, which allows you to connect to data sources and make new visualizations.

8.

Question 8

What is the most important skill to use when you are making a data visualization with a new tool?

1 / 1 point



Responsive design



Patience



Brute force



Deciding when it's done

Correct

Having patience with yourself is the most important skill when using a new tool to make a data viz.

9.

Question 9

Whose opinion matters the most when making a visualization?

1 / 1 point



Your end user's opinion



Your boss' opinion

Correct

If your end user doesn't understand what your viz is trying to say, that's when you still need to keep working on it.

10.

Question 10

Did you install Tableau Public?

1 / 1 point



No



Yes

Correct

Installing Tableau Public is a critical step for success in this course.