

Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

Retake the assignment in 7h 59m

GRADE

90%

Data Visualization and Its Importance

LATEST SUBMISSION GRADE

90%

1. What is data visualization?

1 / 1 point

- ☐ Using information technology practices to search for and gather data
- ☐ Using cognitive meditation practices to memorize information
- ☐ Using any process to capture any type of data.
- ☒ The communication of numerical or quantitative information in a visual manner.

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. Select each acceptable medium for a data visualization. (Select all that apply.)

1 / 1 point

☒ An interactive web page

Correct

This might be the first or second medium you might consider for a data viz given the context of this course, but it's certainly not the only one.

☒ Modeling clay

Correct

It might not be your typical data viz medium, but you could absolutely use clay to make a data viz, and people have!

☒ Print

Correct

Print, such as magazines and newspapers, is definitely an acceptable medium for data viz.

☒ Crayons on paper

Correct

Is it unorthodox? Maybe, but that is no reason to avoid making a viz with crayons.

3. Approximately when do we estimate the first data visualization happened?

1 / 1 point

- ☐ Early 1800s
- ☒ Pleistocene era
- ☐ Jurassic era

Correct

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.

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

1 / 1 point

- ☐ Napoleon's Russian campaign
- ☒ The location of stone needed to build an Egyptian tomb.
- ☐ 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. The information-seeking mantra states:

1 / 1 point

- ☒ Overview first, zoom and filter, then details on demand.
- ☐ Visualization is good for cleaning up your data.

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. What is the goal of visualization?

1 / 1 point

- ☒ Insights
- ☐ Pictures

Correct

The goal of visualization is insight, not pictures.

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

0 / 1 point

- ☐ Tableau Prep
- ☐ Tableau Public
- ☒ Tableau Desktop

Incorrect

Please revisit the lesson **How Do We Make a Visualization?**

8. Select all of the skills I used when making my Google Sheets visualization. (Select all that apply.)

1 / 1 point

- ☐ Responsive design
- ☒ Critical thinking

Correct

Critical thinking allowed me to look in unexpected places to find what I was looking for.

☒ Patience

Correct

Patience was the most important skill I used.

☐ Brute force

☒ Deciding when it's done

Correct

Perfect is the enemy of good, or as Confucius said, "A diamond with a flaw is better than a pebble without."

☒ Flexibility & Creativity

Correct

Sometimes you have to trick the tool into getting it to do what you want it to do.

9. Who is the most important person involved in you making a visualization?

1 / 1 point

- ☐ Your mom
- ☐ Your boss
- ☐ You as the builder
- ☒ Your end user

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. Did you install Tableau Public?

1 / 1 point

- ☒ Yes
- ☐ No

Correct

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