



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

Keep Learning

GRADE  
85%

## Data Visualization and Its Importance

LATEST SUBMISSION GRADE

85%

1. What is data visualization?

1 / 1 point

- ☐ 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.
- ☐ Using information technology practices to search for and gather data

✓ **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

☒ 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.

☒ 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.

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

1 / 1 point

- ☐ Geographical information about the locations of brontosaurus graveyards.
- ☐ Migration information about different herds of prey animals.
- ☒ Astronomical information about the locations of stars.

✓ **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. What is one of the earliest documented examples of data visualization?

0 / 1 point

- ☒ The map of Napoleon's Russian campaign
- ☐ The Mercator map projection
- ☐ The Turin Papyrus map

! **Incorrect**

Please revisit the lesson **What is Data Visualization and Why Do We Do It?**

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. What is the goal of visualization?

1 / 1 point

- ☐ Pictures
- ☒ Insights

✓ **Correct**

The goal of visualization is insight, not pictures.

7. Which of these limitations apply to Tableau Public? (Select all that apply.)

1 / 1 point

☒ You cannot save visualizations locally.

✓ **Correct**

With Tableau Public, you cannot save your files locally. You must instead save them in the Cloud.

☐ It cannot be downloaded by individuals, only companies.

☒ You must limit the number of rows in your data source.

✓ **Correct**

With Tableau Public, you must prepare and aggregate your data so that it does not exceed the row limit.

☐ It is very expensive

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

0.5 / 1 point

☒ Flexibility & Creativity

✓ **Correct**

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

☐ Deciding when it's done

☐ Brute force

☒ Patience

✓ **Correct**

Patience was the most important skill I used.

☒ Responsive design



**This should not be selected**

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

☐ Critical thinking

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. When making a visualization, it is important to stick to using the tool defaults.

1 / 1 point

☐ True

☒ False

✓ **Correct**

It is important to be flexible and creative, even tricking the program sometimes by finding hacks around persistent tool defaults that you don't want to use.