



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

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GRADE
80%

Data Visualization and Its Importance

LATEST SUBMISSION GRADE
80%

1. What is data visualization?

1 / 1 point

- ☐ Using any process to capture any type of data.
- ☐ Using cognitive meditation practices to memorize information
- ☒ 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. Print, an interactive web page, modeling clay, and crayons on paper are all acceptable media for a data visualization.

1 / 1 point

- ☒ True
- ☐ False

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

0 / 1 point

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

! **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 Tableau product is free and used to make new visualizations?

1 / 1 point

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

✓ **Correct**

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

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

1 / 1 point

- ☒ Patience
- ☐ Responsive design
- ☐ Deciding when it's done
- ☐ Brute force

✓ Correct

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

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

0 / 1 point

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

! Incorrect

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

10. Did you install Tableau Public?

1 / 1 point

- ☐ No
- ☒ Yes

✓ Correct

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