

**Congratulations! You passed!**

TO PASS 80% or higher

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GRADE

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Data Visualization and Its Importance

LATEST SUBMISSION GRADE

100%

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

1 / 1 point

- ☐ Early 1800s
- ☐ Jurassic era
- ☒ Pleistocene 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 of these limitations apply to Tableau Public? (Select all that apply.)

1 / 1 point

- ☐ It is very expensive
- ☒ 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.

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

1 / 1 point

☒ Your end user

☐ You as the builder

☐ Your mom

☐ Your boss



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

☐ No

☒ Yes



Correct

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