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Data Visualization and Its Importance

Graded Quiz • 30 min

Due Jun 15, 11:59 AM PKT

✓

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Data Visualization and Its Importance

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1.Question 1

What is data visualization?

`1 / 1 point`

○

The design of charts and graphs.

◉

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

○

The field of researching, designing, and making maps.

✓

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`

◉

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.Question 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

○ Migration information about different herds of prey animals.

○ Geographical information about the locations of brontosaurus graveyards.

◉ 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.Question 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.Question 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.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 Prep

○ ○

Tableau Desktop

◉ ○

Tableau Public

✓

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

○ ○

Deciding when it's done

○ ○

Brute force

○ ●

Patience

✓

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.