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Introduction to Data Visualization

Quiz, 10 questions

7/10 points (70.00%)

Try again once you are ready.

Required to pass: 80% or higher

You can retake this quiz up to 3 times every 8 hours.

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Question 1

Correct

1 / 1

point

1. Question 1

_____ is the term used to describe creating visual representations of data.



The Big Idea



Big Data



Business Intelligence (BI)



Data Visualization

Correct

Data visualization is the term used to describe creating visual representations of data.

Question 2

Correct

1 / 1

point

2. Question 2

Data visualization is a term used to describe the practice of depicting text-based data in visual context.



False



True

Correct

Data visualization is a term used to describe the practice of depicting text-based data in visual context.

Question 3

Incorrect

0 / 1

point

3. Question 3

_____ refers to the phenomenon when a person is able to recall visual content better than content presented only as text.



The Picture Superiority Effect



Business Analytics



Data Visualization

This should not be selected

Please see the course video “What is Data Visualization and Why Do We Do It?”



The Big Idea

Question 4

Correct

1 / 1

point

4. Question 4

_____ is the term used to describe a set of tools and techniques (such as queries and reports) used to convert data from various databases into meaningful information.



The Big Idea



Big Data



Business Intelligence (BI)

Correct

Business Intelligence is the term used to describe a set of tools and techniques (such as queries and reports) used to convert data from various databases into meaningful information.



Data Visualization

Question 5

Correct

1 / 1

point

5. Question 5

Like Tableau, Python and R can process both unstructured data and big data.



False



True

Correct

Python and R can process both unstructured data and big data.

Question 6

Correct

1 / 1

point

6. Question 6

What involves asking questions and answering those questions using statistical and quantitative tools for explanatory and predictive analysis?



Aggregation



Business Analytics

Correct

Business analytics involves asking questions and answering those questions using statistical and quantitative tools for explanatory and predictive analysis.



Multi-threading



Business Intelligence



Information Management

Question 7

Incorrect

0 / 1
point

7. Question 7

The Picture Superiority Effect involves asking questions and answering those questions using statistical and quantitative tools for explanatory and predictive analysis.



True

This should not be selected

Please see the course video “What is Data Visualization and Why Do We Do It?”



False

Question 8

Correct

1 / 1
point

8. Question 8

What are the three components of big data? (Check all that apply)



Increasing in volume

Correct

Increasing in volume is one of the three components of big data.



Increasing at a very high velocity

Correct

Increasing at a very high velocity is one of the three components of big data.



With a lot of variety

Correct

With a lot of variety is one of the three components of big data.



Pulled from a single source

Un-selected is correct

Question 9

Incorrect

0 / 1

point

9. Question 9

One of Tableau Public's limitations is you cannot save visualization locally.



False

This should not be selected

Please see the course video "Tools for Data Visualization"



True

Question 10

Correct

1 / 1

point

10. Question 10

Which visualization tool's strength is visualization and storytelling?



Tableau

Correct

Although all of the other tools listed are great tools when working with data, Tableau's strength is its ability to visualize data and help articulate a story.



R



Microsoft Excel



Python