

Question 1

What term describes the key characteristics that are observed or measured as part of an experiment or analysis?

- ☒ variable
- ☐ data set
- ☐ statistics
- ☐ population

Question 2

Match the variable with the description.

Categories:		Options:
ordinal	A	<input checked="" type="checkbox"/> quantitative values with infinite range
continuous	B	<input checked="" type="checkbox"/> quantitative and finite set of values
discrete	C	<input checked="" type="checkbox"/> qualitative values in order of ranking
nominal	D	<input checked="" type="checkbox"/> qualitative values based on identity of the object

Connections: A to C, B to A, C to B, D to D

Question 3

What category of variables includes nominal or ordinal variables?

- ☐ numerical
- ☒ categorical
- ☐ ratio
- ☐ interval

Question 4

Which statement is an accurate description of discrete variables?

Discrete variables are qualitative and consist of two or more categories in which order matters.

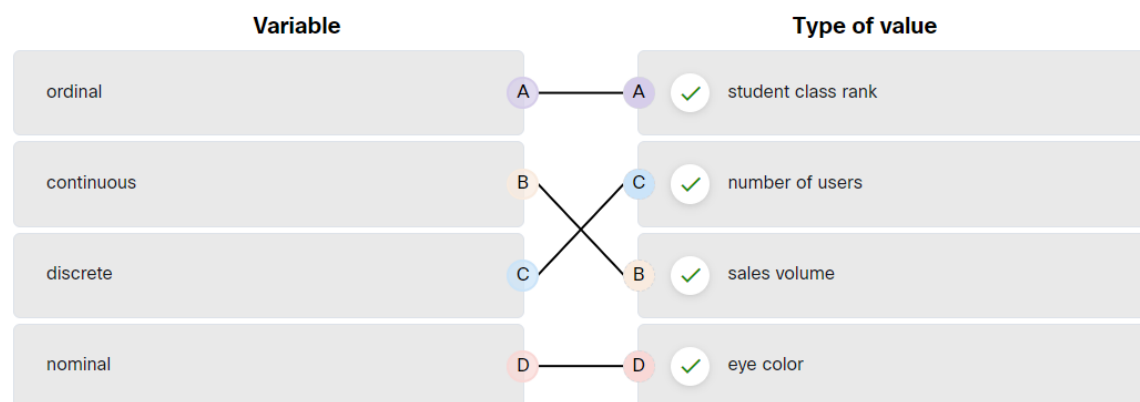
They are quantitative with a continuous range of values.

✓ They are quantitative with a finite set of values.

They are qualitative and consist of two or more categories of values in which order does not matter.

Question 5

Match the variable with the type of value.



Question 6

Which statement describes SQL?

It is a visual analytics platform for exploring, analyzing, and managing data.

It is a scripting language for creating dynamic web pages based on social media.

It is a Google open-source product suitable for small datasets and quick data analysis.

✓ It is a powerful data management language that allows data analysts to interact with data stored in relational databases.

Question 7

Which statement describes Tableau?

It is an AWS product suitable for small datasets and quick data analysis.



It is a visual analytics platform for exploring, analyzing, and managing data.

It is a scripting language for creating dynamic web pages based on data sets.

It is an online platform for data professional to share projects about big data collection and analysis.

Question 8

Which two statements describe the Kaggle web site? (Choose two.)

It provides many data sets with minimum charges.

It provides many coding samples for creating dynamic advertisement products.



It offers community machine learning competitions among data science enthusiasts.

It enables data analysis tools integration such as Excel, SQL database, and Tableau.



It is an online community for data scientists and machine learning enthusiasts to share ideas.

Question 9

A data analyst is performing data cleaning on an Excel spreadsheet that contains collected data. Which Excel function would the analyst use to find integer data that is larger than expected?

MIN



MAX

Trim

Sort

Question 10

A data analyst is performing data cleaning on an Excel spreadsheet that contains collected data. The data records have been marked with mixed formatting. The analyst wants to remove all formatting and reformat data. Which operation should the analyst perform to remove current formatting?



Highlight data range -> Home tab -> Clear -> Clear Formats

Home tab -> Clear Formats -> Highlight data range -> Clear All

Highlight data range -> Home tab -> Clear Formats -> Clear All

Home tab -> Clear Formats -> Clear All -> Highlight data range