

Complete the following sentence: "A survey of the eye colour of this class is an example of..."

Question 1 Select one:

- a. Nominal data.
- b. Ordinal data.
- c. Interval data.
- d. Ratio data.

The correct answer is: Nominal data.

Complete the following sentence: "How many cups of coffee (or tea!) you drink in a day is an example of..."

Question 2 Select one:

- a.
Nominal data.
- b.
Ordinal data.
- c.
Interval data.
- d.
Ratio data.

The correct answer is: Ratio data.

Complete the following sentence: "A nominal variable..."

Question 3 Select one:

- a.
has a natural order.

b.

can be described by the average of all values.

c.

is a category.

The correct answer is: is a category.

Complete the following sentence: "A qualitative variable is... "

Question 4Select one:

a.

sometimes measured on a continuous scale

b.

a categorical variable

c.

a numeric variable

The correct answer is: a categorical variable

Complete the following sentence: "A rating (1 to 5) of how much you agree (1) or disagree (5) with the statement "Data is the new oil" is... "

Question 5Select one:

a.

a categorical variable.

b.

an ordinal variable.

c.

an interval variable.

The correct answers are: a categorical variable., an ordinal variable.

Complete the following sentence: "Biological species (taxonomic classification) is a type of... "

Question 6Select one:

a.

Nominal data.

b.

Ordinal data.

c.

Interval data.

d.

Ratio data.

The correct answer is: Nominal data.

Complete the following sentence: "The temperature in Dublin over the last seven days is an example of... "

Question 7Select one:

a.

Nominal data.

b.

Ordinal data.

c.

Interval data.

d.

Ratio data.

The correct answer is: Interval data.

Which of the following statements best describe a data-driven application?

Question 1Select one:

a.

An application that has access to lots and lots of data!

b.

Businesses that produce goods and services based primarily on the collection, analysis and synthesis of information.

c.

An application that uses data to understand and create value.

d.

Any system that uses a tool like a relational database.

The correct answer is: An application that uses data to understand and create value.

In the generic pipeline discussed in this module, finding errors in a dataset and correcting mistakes is part of which phase?

Question 2Select one:

a.

Gathering

b.

Processing

c.

Analysing

d.

Presenting

e.

Preserving

The correct answer is: Processing

In the generic pipeline discussed in this module, creating a chart to explain your business proposal to your client is part of which phase?

Question 3Select one:

a.

Gathering

b.

Processing

c.

Analysing

d.

Presenting

e.

Preserving

The correct answer is: Presenting

In the generic pipeline discussed in this module, **exploratory visualisations** are generally part of which phase?

Question 4Select one:

a.

Gathering

b.

Processing

c.

Analysing

d.

Presenting

e.

Preserving

The correct answer is: Analysing

Is this statement True or False? "By collecting more data, a firm has more scope to improve its products, which attracts more users, generating even more data, and so on."

Question 5Select one:

a.

True

b.

False

The correct answer is: True