

Question 1

Select two: An area plot depicts cumulated totals using _____ or _____ over time. 1 / 1 point

Numbers

Correct

Correct! An area plot depicts cumulated totals using numbers over time.

Data

Charts

Percentages

Correct

Correct! An area plot depicts cumulated totals using percentages over time.

2.

Question 2

An area plot, also known as an area chart or graph, displays the _____ of multiple variables. 1 / 1 point

Magnitude and proportion

Magnitude and area

Proportion and area

Proportion and perimeter

Correct

Correct! An area plot, also known as an area chart or graph, displays the magnitude and proportion of multiple variables over a continuous axis, typically representing time or another ordered dimension.

3.

Question 3

A histogram is a way of representing the frequency distribution of a _____. 1 / 1 point

Alphabetical dataset

Numeric dataset

Statistical dataset

Demographic dataset

Correct

Correct! The way a histogram works is that it partitions the spread of the numeric data into bins, assigns each data point in the dataset to a bin, and then counts the number of data points assigned to each bin.

4.

Question 4

In a Histogram, the _____ axis is the frequency or the number of data points in each bin. 1 / 1 point

Parallel

Vertical

Perpendicular

Horizontal

Correct

Correct! The vertical axis is the frequency or the number of data points in each bin.

Question 5

The following code will create a horizontal bar chart of the data in the panda's data frame question.

`question.plot(type='bar', rot=90)` 1 / 1 point

False

True

Correct

Correct! The parameters used are wrong. For example, type is used instead of kind.