



## Your grade: 100%

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1. Select two: An area plot depicts cumulated totals using \_\_\_\_\_ or \_\_\_\_\_ over time.

1 / 1 point

- Charts
- Numbers

**Correct**

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

- Percentages

**Correct**

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

- Data

2. An area plot, also known as an area chart or graph, displays the \_\_\_\_\_ of multiple variables.

1 / 1 point

- Magnitude and area
- Magnitude and proportion
- 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. A histogram is a way of representing the frequency distribution of a \_\_\_\_\_.

1 / 1 point

- Demographic dataset
- Numeric dataset
- Alphabetical dataset
- Statistical 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. In a Histogram, the \_\_\_\_\_ axis is the frequency or the number of data points in each bin.

1 / 1 point

- Perpendicular
- Parallel
- Vertical
- Horizontal

**Correct**

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

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

1 / 1 point

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

True

False

**Correct**

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