



Your grade: **100%**

Your latest: 100% • Your highest: 100% • To pass you need at least 80%. We keep your highest score.

Next item →

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.