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.

   ☑ Percentages

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

   ☐ Charts

   ☐ Data

   ☑ Numbers

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

   1 / 1 point

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

   ○ Magnitude and area

   ○ Proportion and area

   ○ Proportion and perimeter

   ◉ Magnitude and proportion

   > ⊘ **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.

   1 / 1 point

3. A histogram is a way of representing the frequency distribution of a _____.

   ○ Demographic dataset

   ○ Statistical dataset

   ○ Alphabetical dataset

   ◉ Numeric 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.

   1 / 1 point

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

   ◉ Vertical

   ○ Horizontal

   ○ Perpendicular

   ○ Parallel

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

   1 / 1 point

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

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

   ◉ False

   ○ True

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

   1 / 1 point