Your grade: 100%

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

Next item →

---

1. What is a scatter plot?   1 / 1 point

   ○ A scatter plot is a circular statistical graphic divided into segments

   ○ A scatter plot displays the magnitude and proportion of multiple variables over a continuous axis

   ● A scatter plot is a type of plot that displays values pertaining to typically two variables against each other

   ○ A scatter plot represents the frequency distribution of a numeric dataset

   ⊘ **Correct**
   Correct! A scatter plot is a type of plot that displays values pertaining to typically two variables against each other. Usually, it is a dependent variable plotted against an independent variable.

2. True or False. Matplotlib is a general-purpose comprehensive plotting library that provides a flexible interface for creating a wide range of plots.   1 / 1 point

   ● True

   ○ False

   ⊘ **Correct**
   Correct! Matplotlib is a general-purpose comprehensive plotting library that provides a flexible interface for creating a wide range of plots. Its pyplot module offers a convenient way to create and customize plots quickly.

3. What is a pie chart?   1 / 1 point

   ● A pie chart is a circular statistical graphic divided into segments to illustrate numerical proportions

   ○ A pie chart visually depicts the distribution of a numeric dataset by showcasing the frequency of each category

   ○ A pie chart is a graphical representation that showcases the relative size and proportion of various variables along a continuous axis

   ○ A pie chart is a type of plot in which the length of each bar is proportional to the value of the item that it represents

   ⊘ **Correct**
   Correct! A pie chart is a circular statistical graphic divided into segments to illustrate numerical proportions. The explode property in a pie chart enables you to offset slices from the center, highlighting specific sections.

4. A box plot is a way of statistically representing the distribution of a dataset using how many key statistical measures?

   ○ 3

   ◉ 5

   ○ 1

   ○ 8

1 / 1 point

> ⊘ **Correct**
> Correct! A box plot is a way of statistically representing the distribution of given data through five main measures. These include Minimum, First quartile, Median, Third quartile, and Maximum.

5. What is the first step when plotting with Matplotlib?

   ○ Call the plot function

   ◉ Import matplotlib.pyplot as plt

   ○ Call the subplot function

   ○ Import Pandas

1 / 1 point

> ⊘ **Correct**
> Correct! The first step is to import the library. You Import matplotlib.pyplot as plt.