

### Question 1

What is a scatter plot? 1 / 1 point

A scatter plot represents the frequency distribution of a numeric dataset

A scatter plot is a circular statistical graphic divided into segments

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

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

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.

### Question 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.

### Question 3

What is a pie chart? 1 / 1 point

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

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 circular statistical graphic divided into segments to illustrate numerical proportions

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.

### Question 4

A box plot is a way of statistically representing the distribution of given data through how many primary dimensions? 1 / 1 point

5

1

8

3

Correct

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

5.

Question 5

What is the first step when plotting with Matplotlib? 1 / 1 point

Call the subplot function

Import Pandas

Import matplotlib.pyplot as plt

Call the plot function

Correct

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