

1. True or False. A scatter plot is a type of plot that displays values pertaining to typically two variables?

1 point

☐ False

☒ True

2. The \_\_\_\_\_ module offers a convenient way to create and customize plots quickly?

1 point

☒ Pyplot

☐ Numpy

☐ Folium

☐ Plotly

3. Fill in the blank. A pie chart is a circular statistical graphic, divided into \_\_\_\_\_, to illustrate numerical proportion.

1 point

☐ Plots

☐ Graphs

☒ Segments

☐ Columns

4. True or False. A box plot has five primary dimensions to statistically represent the distribution of a given data?

1 point

☒ True

☐ False

5. Area plots are like a line plot but with the area below the line filled with color to emphasize the cumulative \_\_\_\_\_ of the variables.

1 point

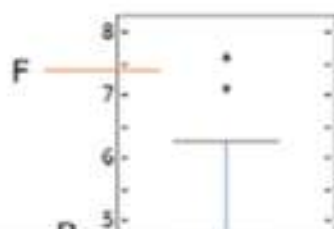
☐ Significance

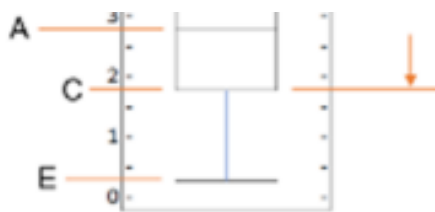
☒ Magnitude

☐ Longitude

☐ Latitude

1 point





6. What do the letters in the box plot above represent?

- ☒ A = Mean, B = Upper Mean Quartile, C = Lower Mean Quartile, D = Inter Quartile Range, E = Minimum, and F = Outliers
- ☐ A = Median, B = Third Quartile, C = First Quartile, D = Inter Quartile Range, E = Minimum, and F = Outliers
- ☐ A = Median, B = Third Quartile, C = Mean, D = Inter Quartile Range, E = Lower Quartile, and F = Outliers
- ☐ A = Mean, B = Third Quartile, C = First Quartile, D = Inter Quartile Range, E = Minimum, and F = Maximum

7. True or False. The correct combination of function and parameter to create a box plot in Matplotlib is Function = plot, and Parameter = kind with value = "box".

1 point

- ☒ False
- ☐ True

8. When creating a histogram in Matplotlib what is the first step?

1 point

- ☐ Import matplotlib as plt and its scripting interface as mpl.
- ☐ Import histogram as mpl and its scripting interface as plt.
- ☐ Import histogram as plt and its scripting interface as mpl.
- ☒ Import matplotlib as mpl and its scripting interface as plt.

9. What is the process of creating a scatter plot?

1 point

- ☐ The process of creating a scatter plot involves importing datapoints to visualize a large set of data.
- ☐ The process of creating a scatter plot involves importing Plotly libraries.
- ☐ The process of creating a scatter plot involves importing a dataset library.
- ☒ The process of creating a scatter plot involves importing Matplotlib to visualize a large set of data.

10. True or False. A bar chart is also known as a Bar graph.

1 point

- ☒ True
- ☐ False