

1.

Although Seaborn is another data visualization library, it is based on \_\_\_\_\_.

1 / 1 point

☒

Matplotlib

☐

NumPy

☐

SciPy

☐

Pandas

✓

Correct

Correct! Although Seaborn is another data visualization library, it is based on Matplotlib
2.

What is the default map style in Folium?

1 / 1 point

☐

Stamen Terrain

☐

Arial

☐

Stamen Toner

☒

Open Street Map

✓

Correct

Correct! The default map style in Folium is the Open Street Map. It shows a street view of an area when you are zoomed in and the borders of the world countries when you are zoomed out all the way.
3.

The code for setting the initial zoom level in Folium is zoom\_start=parameter.

1 / 1 point

☒

True

☐

False

✓

Correct

Correct! With the initial zoom, you can easily change the zoom level after the map is rendered by zooming in or out. You can play with this parameter to determine the initial zoom level for different values.
4.

True or False. The 'location' parameter specifies the latitude and longitude coordinates of the map's center point.

1 / 1 point

☒

True

☐

False

✓

Correct

Correct! The 'location' parameter specifies the latitude and longitude coordinates of the map's center point.
5.

\_\_\_\_\_ represent specific locations or points of interest, providing additional information when clicked.

1 / 1 point

☐

Navigation

☐

Locations

☐

Zoom function

☒

Markers

✓

Correct

Correct! Markers represent specific locations or points of interest, providing additional information when clicked. Markers are like signposts that guide us through the map, highlighting essential elements.
6.

True or False. A choropleth map is a thematic map in which areas are shaded or patterned in proportion to the measurement of the statistical variable displayed on the map.

1 / 1 point

☐

False

☒

True

✓

Correct

Correct! A choropleth map is a thematic map in which areas are shaded or patterned in proportion to the measurement of the statistical variable displayed on the map.
7.

For what is Folium primarily used?

1 / 1 point

☒

Visualize geospatial data

☐

Provide a high-level interface for drawing attractive statistical graphics

☐

Depict the importance of different words in the body of the text

☐

Highlight progress against a given threshold

✓

Correct

Correct! Folium is a Python library used for creating interactive maps and visualizations. It provides a simple and intuitive way to generate maps using data from various sources, including GeoJSON, Pandas DataFrames, and NumPy arrays.
8.

To create a choropleth map of a region of interest, Folium requires a \_\_\_\_\_ file that includes geospatial data of the region.

1 / 1 point

☐

HTML

☐

Geo

☒

Geo.Json

☐

Json

✓

Correct

Correct! To create a choropleth map of a region of interest, Folium requires a Geo.Json file that includes geospatial data of the region.
9.

\_\_\_\_\_provides specialized plot types such as regression, distribution, and categorical plots that are particularly useful for analyzing data and modeling relationships.

1 / 1 point

☒

Seaborn

☐

Pie plot

☐

Line plot

☐

Bar plot

✓

Correct

Correct! Seaborn provides specialized plot types such as regression, distribution, and categorical plots that are particularly useful for analyzing data and modeling relationships.
10.

What type of data do Waffle Charts represent?

1 / 1 point

☒

Categorical

☐

Sequential

☐

Statistical

☐

Numerical

✓

Correct

Correct! Waffle charts are a visualization technique that represents categorical data in the form of square tiles or cells.