✔ **Congratulations! You passed!**

Grade received 100%   **Latest Submission Grade** 100%   **To pass** 70% or higher

Go to next item

---

1.   **1 / 1 point**

What is Seaborn based on?

○ Pandas

○ NumPy

○ SciPy

⦿ Matplotlib

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

---

2. The default map style in Folium is the _____.   **1 / 1 point**

⦿ Open Street Map

○ Stamen Terrain

○ Stamen Toner

○ Arial

✓ **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. What is the code for setting the initial zoom level in Folium?   **1 / 1 point**

○ zoom-start parameter

⦿ zoom_start=parameter

○ {zoom_start} parameter

○ (zoom_start) parameter

✓ **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. The _____ parameter specifies the latitude and longitude coordinates of the map's center point.   **1 / 1 point**

○ Geographic

⦿ Location

○ Destination

○ Navigation

✓ **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**

○ Locations

○ Zoom function

○ Navigation

⦿ 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. True or False. Folium is a Python library used for creating interactive maps and visualizations.

1 / 1 point

◉ True

○ False

⊘ **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. True or False. To create a choropleth map of a region of interest, Folium requires a GeoJson file that includes geospatial data of the region.

1 / 1 point

◉ True

○ False

⊘ **Correct**
Correct! To create a choropleth map of a region of interest, Folium requires a GeoJson 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

○ Bar plot

○ Line plot

○ Pie 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. True or False. Waffle charts are a visualization technique that represents categorical data in the form of square tiles or cells.

1 / 1 point

○ False

◉ True

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