

Question 1

What is Seaborn based on? 1 / 1 point

SciPy
NumPy
Pandas
Matplotlib

Correct

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

Question 2

True or False. The default map style in Folium is the Open Street Map. 1 / 1 point

True
False

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.

Question 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.

Question 4

What parameter specify the latitude and longitude coordinates of the map's center point? 1 / 1 point

Navigation
Destination
Location
Geographic

Correct

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

Question 5

Which feature is vital in improving interactivity and adding context to maps? 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.

Question 6

A choropleth map is a _____ map. 1 / 1 point

Stamen Terrain

Thematic

Stamen Toner

Open Street Map

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.

Question 7

Folium is a _____ library used for creating interactive maps and visualizations. 1 / 1 point

Choropleth

Folium

Data

Python

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.

Question 8

What kind of file does Folium require to create a Choropleth map of a specific region? 1 / 1 point

GeoJson

Geo

HTML

Json

Correct

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

Question 9

True or False. Seaborn provides specialized plot types such as regression, distribution, and categorical plots that are particularly useful for analyzing data and modeling relationships. 1 / 1 point

True

False

Correct

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

Question 10

What type of data do Waffle Charts represent? 1 / 1 point

Numerical

Sequential

Statistical

Categorical

Correct

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