



Your grade: 100%

Your latest: 100% • Your highest: 100% • To pass you need at least 80%. We keep your highest score.

Next item →

1. Which application is a powerful data visualization library in Python, built primarily to help people visualize geospatial data?

1 / 1 point

- ☐ Plotly
- ☐ Matplotlib
- ☐ PyWaffle
- ☒ Folium

✓ Correct

Correct! Folium is an excellent library for geospatial data visualization. It creates interactive and customizable maps.

2. Which Folium map style enables you to visualize natural vegetation colors?

1 / 1 point

- ☐ Open Street map
- ☐ Stamen toner
- ☒ Stamen terrain
- ☐ Street-level map

✓ Correct

Correct! The stamen terrain style is great for visualizing hill shading and natural vegetation colors.

3. True or False: With Folium, you can display multiple markers on a map.

1 / 1 point

- ☐ False
- ☒ True

✓ Correct

Correct! Yes, you can display multiple markers on a map using Folium.

4. Complete the following: To create a choropleth map of a region of interest, Folium requires a Geo JSON file that includes_____.

1 / 1 point

- ☐ df_Canada
- ☒ Geospatial data of the region
- ☐ Statistical variable
- ☐ The mapbox bright tiles set

✓ Correct

Correct! For creating a choropleth map of the world, you would need a Geo JSON file that lists each country and any geospatial data to define its borders and boundaries.

5. What is the first step when converting a world map into a choropleth map?

1 / 1 point

- ☐ Use the columns "Country" and "Total" in our df_Canada dataframe
- ☐ Use the country names to look up the geospatial information
- ☐ Apply the choropleth function
- ☒ Define the variable

✓ **Correct**

Correct! When converting a world map into a choropleth map, the first step is to define a variable that points to our Geo JSON file.