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
- ● Folium
- ○ PyWaffle
- ○ Matplotlib

✓ **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
- ○ Street-level map
- ○ Stamen toner
- ● Stamen terrain

✓ **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

- ● True
- ○ False

✓ **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

- ○ The mapbox bright tiles set
- ○ df_Canada
- ○ Statistical variable
- ● Geospatial data of the region

✓ **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
- ● Define the variable
- ○ Apply the choropleth function
- ○ Use the country names to look up the geospatial information

✓ **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.