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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.