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

PyWaffle
Matplotlib
Plotly
Folium

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

Question 2
Which Folium map style enables you to visualize natural vegetation colors? 1 / 1 point

Stamen toner
Open Street map
Street-level map
Stamen terrain

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

Question 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.

Question 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

Geospatial data of the region
Statistical variable
df_Canada
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.

Question 5
What is the first step when converting a world map into a choropleth map? 1 / 1 point

Apply the choropleth function
Use the columns "Country" and "Total" in our df_Canada dataframe
<mark>Define the variable</mark>
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.