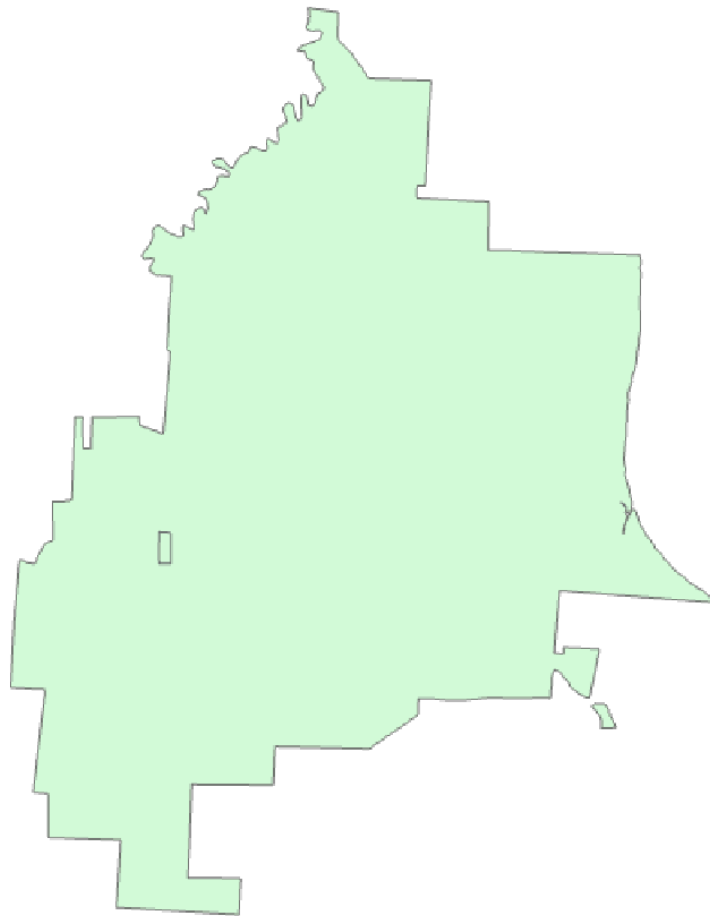Lab 02: Introducing ArcGIS Pro Question Sheet
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Question #1: Take a screenshot of your map showing just the Park Boundary (2 points)

Question #2: What are the geometry types for the following layers (point, line, or polygon)? Hint: Look at the Properties for each layer under Source. You learned how to do this in Lab 1 (steps 34-36). (4 points)

A) Roads

Lines

B) Streams and Rivers

Lines

C) Vegetation

Polygons

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D) Park Boundary

Polygon

E) Plots

Points

Question #3: What is the spatial reference of the Park Boundary layer? Why do we need to set display units (4 points)

The spatial reference of the Park Boundary layer is "Unknown Coordinate System". We need to set display units so that ArcGIS knows how to translate coordinates (points), distances (lines), and spaces (polygons)

Question #4: What is the length of the river from its eastern fork to its southern tip in Kilometers? (2 points)

The length of the river from its eastern fork to its southern tip is .852664 km

Question #5: What is the area and perimeter of Shiloh NP in miles? What steps did you take to get the area and perimeter of Shiloh NP in miles? Describe those steps briefly. Remember to write in full sentences and answer every part of the question. (4 points)

The area of the Shiloh National Park is 1.26 sqMi. The perimeter is 32.04 Mi. In order to obtain these measurements, I first selected the Measure Feature in the Map ribbon's measure group, then I selected the feature I wanted to measure.

Question #6: What is the CLASS of the feature the arrow is pointing to in the image above. (2 points)

The class of the feature the arrow is pointing to is HERBACEOUS

Question #7: How many rows have no CLASS field? i.e., How many rows have a blank under the CLASS column? (Hint: see the number on the lower left corner of the attribute table it should say # of 359 selected – this is your answer) (2 points)

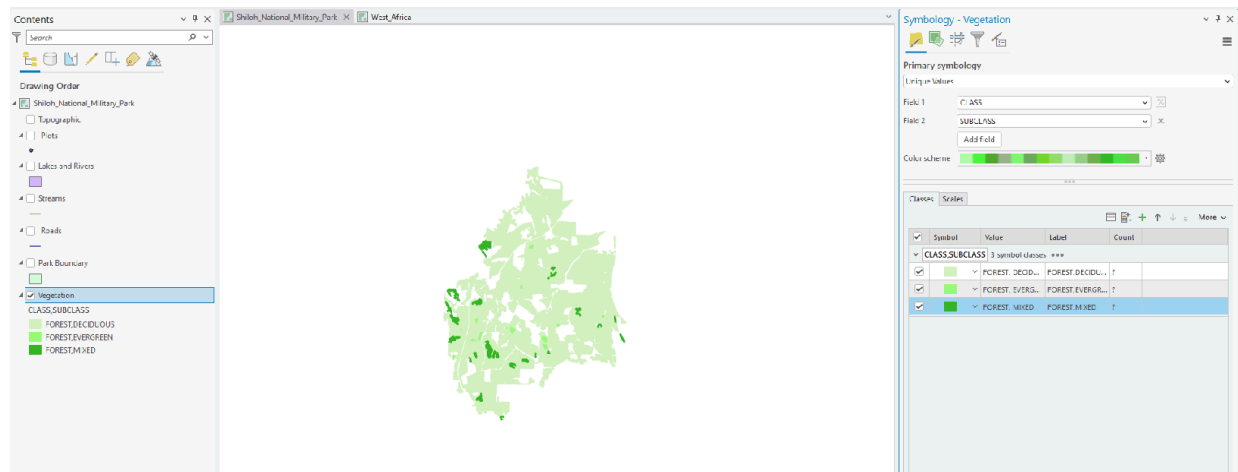9 of the rows in the table do not have an entry in the CLASS field

Question #8: How many rows have a CLASS field? i.e., How many rows were selected after you switched the selection? (2 points)

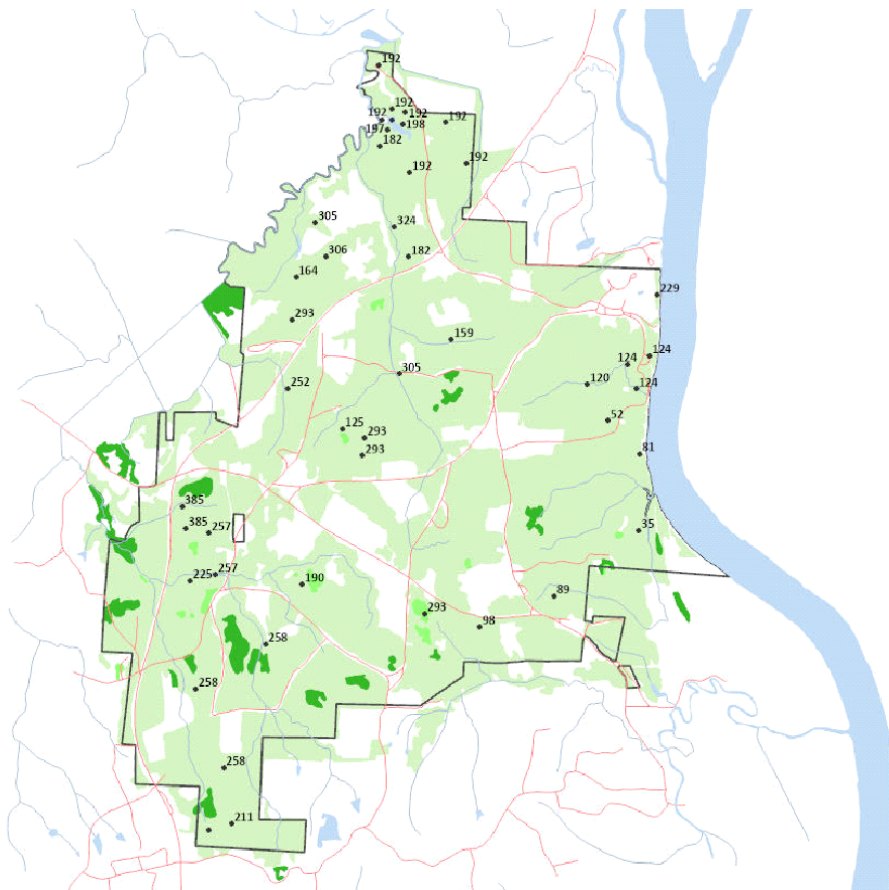350 rows in the table (the switched selection) has an entry in the CLASS field

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Question #9: Take a screenshot of your screen with the symbology pane open and paste it into your question sheet. (2 points)
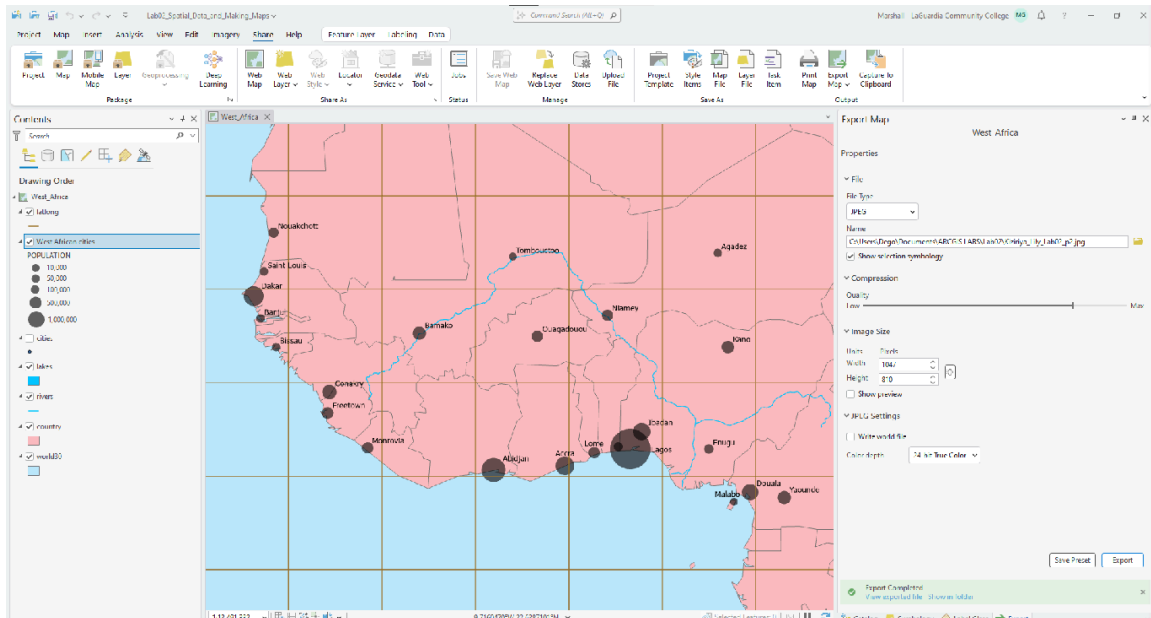

Question #10: Copy and paste your Plots.jpg map into your Question Sheet. (3 points)
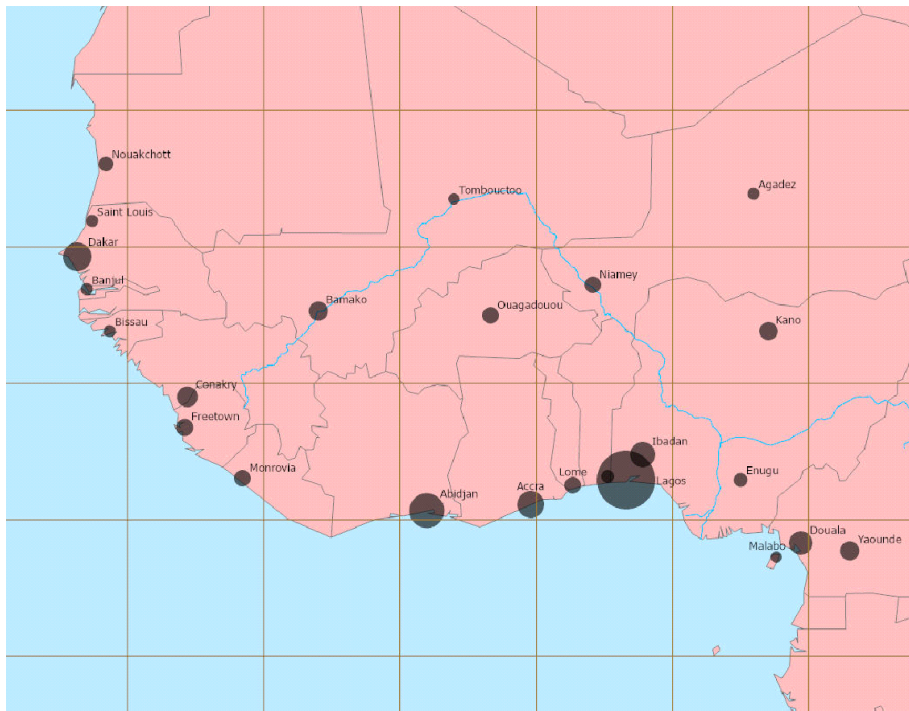
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Question #11: a screenshot of your entire ArcGIS Pro screen including your Contents Pane and the West Africa View and paste it here. (3 points)

Question #12: Paste the map that you shared and exported from your West Africa View as a .jpeg file below. (3 points)

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Question #13: Include feedback/comments on your experience. What did you enjoy? Is there anything you struggled with or found confusing? Do you have any questions? (2 points)

I enjoyed learning how to label the data points, and provide more clarity in the graphic. One thing I struggled with a bit was choosing colors and symbols that contrast nicely so that the figures look visually pleasing but also informative. Particularly in the West Africa map, I wanted to choose a location marker that can convey population difference through marker size, but choosing a marker that did not obscure the smaller markers behind it was a bit challenging. I ended up opting for the translucent black circles.