Project 7: Choropleth Mapping Part 1

Points: 50 Points

Task 1:

Create a layout that contains 4 maps, each representing a different classification of the same data: equal interval, quantiles, mean-standard deviation, and natural breaks. Include a legend for each and a brief description of the classification method. Deliver the result in PDF format. You must find your own data for this map. With your submission, include a short description of the data and their source(s). Make sure to cite data source(s) on the map.

Rubric:

- The layout and maps are overall very neat and well organized. Space is used well, and the data are well presented. (5 Points)
- Appropriate data were used. The data should be normalized in some way since this is a choropleth map. (5 Points)
- The data source should be cited on the map. (2.5 Points)
- Make sure to include a well-designed legend for each map. (5 Points)
- Include a title and your name. (2.5 Points)
- Your descriptions should be correct and stated in plain language. The text should be well designed. (5 Points)

Task 2:

Create two more maps. One should represent data symbolized using a sequential color scheme. The other should represent data using a divergent color scheme. Deliver the result in PDF format. You must find your own data for this map. With your submission, include a short description of the data and their source(s). Make sure to cite data source(s) on the map.

Rubric:

- The layouts and maps are overall very neat and well organized. Space is used well, and the data are well presented. (5 Points)
- Appropriate data were used to represent a sequential color scheme and a divergent color scheme. (5 Points)
- The legends are well formatted and appropriately describe the data. (5 Points)
- The sources of the data are cited. You provide meaningful titles and your name. (5 Points)
- Color ramps are well chosen to represent the data. (5 Points)