

Programming Assignment 5 – Geographic Data Analysis

In this assignment, you will be using a database of geographic data for you in the PySal library to create two plots, a choropleth map and a proportional symbol map. In addition to these two plots, you will compute the value of Moran's I for this data.

Dataset

The United States' lower 48 states. In addition to the state-by-state data, the dataset contains shape files for each state that you can use to create the choropleth and proportional symbol maps.

Administrative Notes

Your assignment will be graded by Coursera's grading system. In order for your answers to the question, you must have the code for each question. In addition, you should submit the assignment in the cell's display area. Contain no extraneous information. Each cell that is going to be graded has a set of comment lines at the beginning of the cell. These lines are extremely important and must not be modified or removed.

A correct submission would result in feedback as: "Correct!"

An incorrect submission would look like: "Incorrect Response!"