

Advanced GIS Analysis: Lab 8
Due date: 5/23/18

Using ModelBuilder/Python

1. Build a cohesive spatial model/procedure using ArcGIS, QGIS, GeoDa, Crimestat IV, or Python. The model must have at least 5 SEPARATE GIS functions.
2. You may use any data of your choosing as long as the sources are cited.
3. You will be required to incorporate at least one conditional statement (WHILE, FOR/IN, IF/ELSE, TRY/EXCEPT) statement into your model.
4. You will also be required to include some sort of CURSOR function (SEARCH, UPDATE, DELETE) into your model/procedure.
5. You must also load a 1-2 page write up outlining your model/procedure and its purpose as well as your Python script (in digital format) to Canvas. A sample output map or table should be imbedded/included in the write-up.
6. You will also load your output layers to ArcGIS Online and present the output in class on May 24. Presentation will be under 5 minutes long.