

# Geography 385 Spatial Data Analysis

Fall 2023

## Lectures

- Week 01
  - 08-21 Course Introduction
  - 08-23 Jupyter Introduction (ipynb)
- Week 02
  - 08-28 Python Introduction (ipynb)
  - 08-30 Functions and Scripts (ipynb) (temp\_converter.py)
- Week 03
  - 09-06 Python Introduction to Data Analysis (ipynb)
- Week 04
  - 09-11 Spatial Data
  - 09-13 GeoPandas (ipynb)
- Week 05
  - 09-18 GeoPandas Spatial Queries (ipynb)
  - 09-20 Geovisualization (ipynb)
- Week 06
  - 09-25 Spatial Weights (ipynb)
  - 09-27 Spatial Dependence
- Week 07
  - 10-02 Join Counts (ipynb)
  - 10-04 Moran's I (ipynb)

- Week 08
  - 10-09 Studio (Exercise 2 collaboration)
  - [10-011 Local Autocorrelation \(ipynb\)](#)