Week 12: Geographic Data

Data Wrangling and Visualization

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Due This Week: Problem Set 10

Readings & Reference Material

Lecture: Geographic Data

Reading

- Core Reading
    - **DMSS**, ch 11

- Vignettes
    - How to make fancy road trip maps with R and OpenStreetMap
    - Making Middle Earth Maps in R

- Reference Materials
    - Walker, Analyzing US Census Data: Methods, Maps, and Models in R
    - Brunsdon and Comber, *An Introduction to R for Spatial Analysis and Mapping.* An excellent introdution to using R as a GIS package.
    - Brunsdon and Comber, *Geographical Data Science and Spatial Data Analysis: An Introduction in R.* Despite its name, a companion book to the above, not a replacement. It's a little higher level.
    - Lovelace, et al. *Geocomputation with R.* A more in depth guide to spatial data in R.
    - Bivand, et al. *Applied Spatial Data Anlaysis with R.* Another more in depth guide to spatial data in R.
    - Singleton, et al. *Urban Anlaytics.*

Due Next Week: Final Project Identification