SOC 4650/5650: Lab-10 - Demolition Permits in the City of St. Louis

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Directions

Using data accessed from the `lecture-11` repository, combine data sources about the City of St. Louis's demolition permits. Your entire project folder system, including data and notebook output, should be uploaded to GitHub by **Monday, April 9th** at 4:15pm.

Part 1: Analysis Development (Review from Lectures 01 and 02)

The goal of this section is to create a self contained project directory with all of the data, code, map documents, results, and documentation a project needs. Make sure to include all relevant directories, a well formatted notebook, and a 'README' that traces the changes you make to all of your data.

Part 2: Data Cleaning

The goal of this section is to produce one shapefile and one `.csv`, both of which should be saved in a `cleanData/` subfolder of your `data/` directory.

1. Import both the shapefiles describing census tracts for the City of St. Louis and St. Louis county. Bind them together using the appropriate function for spatial data - `base::rbind()`, and save the combined data set into your `cleanData/` subfolder.

2. Import both the tables describing demolition permits for the City of St. Louis. Bind them together using the appropriate function for tabular data - `dplyr::bind_rows()`, and save the combined data set into your `cleanData/` subfolder.