

## *SOC 4650/5650: Lab-D - St. Louis City and County Grocery Stores*

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### *Directions*

Using data accessed from the lecture-D repository, create the data below related to the location of grocery stores in St. Louis City and County. Your entire project folder system, including data and RMarkdown output, should be uploaded to GitHub by **Monday, May 11<sup>th</sup>** at 5pm.

### *Analysis Development*

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. Please ensure **all** required elements are present. You will need the .csv data included in the data/lab-D/ subfolder in the lecture-D repository.

### *Part 1: Data Preparation and Geocoding*

The goal of this section is prepare and geocode the grocery store data:

1. Pre-process and parse the address data so that you have columns for street, city, state, and zip, all properly formatted.
2. Geocode your parsed address data.
3. Project your parsed address data, and preview it using mapview.