**Food Desert Analysis**

Use publicly available data to analyze, understand, and visualize access to affordable and nutritious food from grocery stores, community gardens, and food banks based on geography (in NYC).

**Step 1: Grocery Store Location Data**

* Find data set of grocery stores
* Define a grocery store according to the dataset
* Parse through data to group by neighborhood
* Overlap data with neighborhood data

**Step 2: Low Income Neighborhood Location Data**

* Find data set of low-income neighborhoods in NYC (a singular borough?)
  + From census data
* Define the qualifications for low-income
* Create map visualization of the neighborhoods

**Step 3: Metro Location Data**

* Find data set for metro locations in NYC
  + Look on MTA website
* Group data by transportation type vs. location
* Overlap data with neighborhood data and grocery store data

**Step 4: Community Garden Location Data**

* Find data set for community garden locations in NYC
* Define what is a community garden / who can participate and benefit from it
* Overlap data with previous data

**Collected Data:**

|  |  |  |
| --- | --- | --- |
| **Data** | **Website** | **Notes** |
| NTA data | https://www1.nyc.gov/site/planning/data-maps/open-data/dwn-nynta.page | 2010 census data |
| Recognized Healthy Grocery | https://data.cityofnewyork.us/Health/Recognized-Shop-Healthy-Stores/ud4g-9x9z | Defined and manually recorded by borough president – does not have Queens and Staten Island |
|  |  |  |