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Resources:

Population by Borough https://data.cityofnewyork.us/City-Government/NYC-Population-by-Borough/h2bk-zmw6

Litter Basket Inventory https://data.cityofnewyork.us/dataset/DSNY-Litter-Basket-Inventory/8znf-7b2c

311 service requests https://data.cityofnewyork.us/Social-Services/311-Service-Requests-from-2010-to-Present/erm2-nwe9

DSNY Sections GeoJSON https://esri-nyc-office.hub.arcgis.com/datasets/0d14638c1df3494285c152c0764dfa2e_0/about

Other litter solutions made by the city https://patch.com/new-york/new-york-city/nyc-launches-city-cleanup-corps-will-hire-10k-workers

for folium maps, specifically choropleth https://towardsdatascience.com/how-to-step-up-your-folium-choropleth-map-skills-17cf6de7c6fe

for layer control https://autogis-site.readthedocs.io/en/latest/notebooks/L5/02_interactive-map-folium.html

-a lot of stack overflow threads

-W3schools.com for html help

Title: The Effects of Trash Cans on Litter in New York City

Theme: urban planning, litter, trash

Abstract:

My focus is analyzing the amount of trash cans throughout the city and how many litter complaints the city receives in each location. I want to see if the two events are correlated and if adding more trash can is a possible solution to the litter problem. Are there areas that require more litter baskets because of the high number of complaints?

Relevance to NYC: I am using data about New York City given by the city government. There has been a big litter problem in the city, which has been worsened because of the pandemic.

URL: https://christopherwu1.github.io/Trash-Can-and-Litter-Data/

Private:

GitHub: https://github.com/ChristopherWu1/Trash-Can-and-Litter-Data

LinkedIn: www.linkedin.com/in/christopherwu267

This project is about the amount of trash in New York City and looks at the effects of litter baskets on litter. I saw that while most people want a new litter basket in an area, a lot of people also want their existing litter baskets clean out. A combination of both would be a valid solution to littering.