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Data Map Project
12/22/24

Where is the data from:

https://data.cityofnewyork.us/Housing-Development/Affordable-Housing-Production-by-Building/hg8x-zxpr/about_data

Date Pulled: November 27, 2024

Location:

Saved to my mac

File Name: Mapping Data Project_02

Scope:

What areas have the most new affordable housing developments?

Cleaning:

1. Remove columns I – L and N – S (not relevant information)

- a. I: Zip Code
- b. J: BBL (Borough, Block, Lot)
- c. K: BIN (Building Identification Number)
- d. L: Community District
- e. N: Census Tract
- f. O: NTA (Neighborhood Tabulation Area)
- g. P: Latitude
- h. Q: Longitude
- i. R: Latitude (internal)
- j. S: Longitude (internal)

2. Remove columns AC – AM (not relevant information)

- a. AC: Other income units – reserved for building superintendents
- b. AD: Studio units – units with no bedrooms
- c. AE: 1-BR units – units with 1 bedroom
- d. AF: 2-BR units – units with 2 bedrooms
- e. AG: 3-BR units – units with 3 bedrooms
- f. AH: 4-BR units – units with 4 bedrooms
- g. AI: 5-BR units – units with 5 bedrooms
- h. AJ: 6-BR+ units – units with 6 bedrooms or more
- i. AK: Unknown-BR units – units with an unknown number of bedrooms

- j. AL: Counted rental units
 - k. AM: Counted homeownership units
3. Sort data by project start date (newest to oldest). It starts from 06/08/2024.
 4. Sort data by borough (A to Z).
 5. Create separate sheets for each borough and copy the data over.
 6. In the individual sheets, delete column H (borough).
 7. Remove the rows that are labeled as preservation. Some preservation projects may not actually involve construction. I am also focusing on new developments per council district.
 8. Delete the entries that are labeled as confidential. Although these entries were able to be sorted by borough and council district, there is other data that is missing from these entries.
 9. Use the data in column H (the council district each new development is listed in) to create Pivot Tables for each borough. The pivot tables created a list of all the council districts.
 10. Use the COUNTIF function in Excel to count the number of times each council district is listed in column H.
 11. Create a combined spreadsheet that lists all the council districts and the number of new developments in one table.