

Weekly Stand-up 04-14-2023

Harshil:

This week, I merged demographic data with the number of complaints per neighborhood and calculated complaints per population for each neighborhood. I also plotted a bar graph of complaints per population for each neighborhood. No blockers. Next, I'll investigate the relationship between educational attainment levels and complaint rates or eviction rates and analyze the relationship between income levels or employment status and complaint rates or eviction rates.

Abhishek:

I processed multiple CSV files containing information about neighborhoods, owners, complaints, demographic data, eviction filings, and educational attainment. I identified the top 10 owners with the most complaints and visualized them as a horizontal bar graph. I incorporated eviction data into the analysis and calculated the annual eviction filing rate for each neighborhood. No blockers. Next, I'll create a new DataFrame called ``per_neighborhood_high`` and enrich it with demographic data and educational attainment information. I'll also develop predictive models to identify neighborhoods at risk of experiencing high complaint rates or eviction rates in the future.

Longdan:

This week, I identified the most common types of complaints in neighborhoods with high eviction rates. No blockers. Next, I'll conduct a longitudinal analysis to assess changes in complaint rates, eviction rates, and demographic characteristics over time. I'll also examine the role of property management companies or housing associations in neighborhoods with high complaint rates or eviction rates.

Di:

I have been exploring the violations dataset and also had a glance at the other datasets to get an idea of how to proceed with the worst landlord formula. No blockers. Next, I will wrap up these two tasks and create a map visualization of the neighborhoods with the number of open complaints and overdue complaints. I'll merge the eviction data with the complaints data and create a scatter plot of open complaints vs. eviction rates. Additionally, I'll assist the team members in their tasks and collaborate on the development of the final comprehensive report.