

I want to dive deeper into the issue of housing affordability in America by first looking into what the housing demographics are when it comes to renter vs. owner-occupied housing. I then want to look into the cost of living for each state and determine how many are cost burdened meaning more than 30% of income is spent on housing. This project should display some information about housing affordability in America and if it lines up with projected cost of living in major cities.

According to the Department of Housing and Urban Development, families who pay more than 30% of their income for housing are considered cost burdened and may have difficulty affording other important necessities. This project will look into the relationship of owner-occupied versus renter-occupied housing in America, determine and compare the cost of living in each state, and will analyze those that are below the poverty level in megacities or primary cities from each state. Through evaluating cost of living, cost burdening for renters and owners, and overall poverty, I hope to make some conclusions about the affordability of housing in America and provide some sort of solution or ideas that may resolve this problem.

I anticipate using Leaflet, Github, GeoJSON and possibly MapBox, but probably not Carto. I want to definitely have a heatmap and choropleth map. Most of my data I will probably be getting from the US Census Bureau and will probably use their tables to create my own shapefiles or layers. Most data will be retrieved from sources and then most likely converted using QGIS to geojson files. Unless I decide to do my own arrays and variables. I think the biggest issue for me is still the organization and if I'm including everything needed for my maps to show up. Also an issue I can see arising is if I'm trying to do too much and either making it too broad or too narrowed where there's just a lot of data. Maybe do I need to choose like three different cities and compare those? I want to use elements that I struggled with in the past so I don't know how much or how little of elements to include.