

Week 4 Mini Group Assignment

Title: Crime, COVID-19, Redlining, and Select Indicators in LA County

Link to Initial Proposal:

<https://github.com/dheydar/GroupProject/blob/main/Group%20Assignments/Group%20Assignment%20%231.md>

Roles: Moving forward, Donna will be looking at COVID-19 and crime rate data and Daniel will be looking at White vs. non-white homeownership & redlining data. After analyzing this data individually, we plan to reconvene in order to brainstorm how to best craft a narrative with our datasets.

Status Update: Overall, the general mood of the team is positive. We have not had any significant barriers to completing our work so far and have been able to complete our assignments to date in a timely manner.

Data update: So far, we have been able to break down educational attainment and household income data for LA County. We did this a part of our group assignment number 2:

<https://github.com/dheydar/GroupProject/blob/main/Group%20Assignments/Group%20Assignment%20%232/Group%20Assignment%20%232.ipynb>.

Other data sources that we plan to incorporate into our project for LA County include: COVID-19 data, Crime data, Redlining data, as well as White vs. Non-white Homeownership data. Our analysis of these datasets is currently still a work in progress and we will provide more updates at a later time.

Concerns: So far, we are concerned with the amount of crime data available for LA County and with how exactly we are going to bridge this data together with all of the other variables. To address the high caseloads of crime, we plan to look at crime data for Jan-March and then compare it to June-August of 2020. This allows for us to focus on a smaller caseload of crimes during the period leading up to the first COVID government stay at home orders in March of 2020 and to compare crime during this period to crime several months into the COVID pandemic. We plan to produce charts and maps similar to the work we did in Week 3 and use those to compare and analyze our research question(s). A minor concern we have is understanding which forms of data we should use to best capture the relationship between all of our variables, but we will likely work this out as we continue to make progress on our project.