

3.0 - Safety Ratings of Neighborhood

Starting Point:

A. Safety_Rating_Updated_Neighborhoods.xlsx file

- We have a single sheet with the updated neighborhoods (135 total) and their safety ratings from niche.com . The goal is to bring this single sheet with various neighborhoods with safety ratings and match them with the corresponding address and Zip code
- Answers Business Question #5: What Is the neighborhood safety rating?

Process:

C. Final_Zipcode_Perception_Safety.xlsx

- Pull Addresses and zip codes from Original Data set
- Identify the Neighborhood based on Zip codes
- Input in Neighborhoods for all addresses based on the zip codes
- Determine “border zip codes” and which neighborhood it belongs to
- Identify blank neighborhoods that I did not have in the original starting data and fill these in
- Now that neighborhoods based on zip codes is completed, V-Lookup for the Zip codes and their safety ratings. Filled out all safety rating column.
- Repeat process with neighborhood perceptions
- Fill in blank neighborhood safety and neighborhood perceptions
- Incorporate data with columns for Address, Zip code, Neighborhood, Neighborhood Safety Rating , Perceptions

Results:

Full Data Set after 3.0.xlsx

- Cleans to have just address, zip code, neighborhood, Perceptions, and Neighborhood Safety Rating for maximum clarity
- Full Data Set after 3.0.xlsx is the fully incorporated data. Gathering all of the information from the file above, and adding it to the original data set with all of the information. Yellow highlighted columns are the insights gained.