The final assignment should be delivered as a Powerpoint deck, Google Slide deck, or Single web page. The overarching theme is telling the story of renting vs buying a home. The data will be Zillow data, US Census data, and possibly additional data. The [zip file with the data is here (Links to an external site.)](http://vizz.site/final-project-data.zip), and a data dictionary, **final-data-dictionary.xlsx**, is also included in the zip data file.

The Assignment

* The final project should be a Powerpoint Deck, Google Slide Deck, or Single web page. You should probably have 6-12 slides.
* There is both geographic and temporal (time based) data. Since there is a lot of data in terms of row numbers, make sure to filter down to limited numbers of geographies of timespans when possible.
* You may choose to focus on nationwide data (make sure you use a good geography like metro or city then), or you may choose to focus in on select metro(s), or cities, or states.

* Part 1: **Analyze Zillow rent prices vs US Census rent prices**
  + Use the two CSVs: **zip\_code.csv** and **rent\_by\_zip.csv**
  + Using a visualization or two, compare and contrast Zillow Rent Prices with U.S. Census prices
  + Add context in the form of text bubbles or paragraphs explaining your findings.
  + This visualization should cater to someone who is more of an expert/analyst.

* Part 2: **Visualize renting vs buying a home**
  + Use the following CSVs:**zillow\_zip\_home\_price\_quarterly.csv,** **zillow\_zip\_rent\_price\_quarterly.csv,** and **zip\_code.csv**
  + When joining this data in Tableau, make sure to join the quarterly data on zip code ***and*** quarter.
  + Create a visualization or two that illustrate where it is more advantageous to rent a home than buy a home.
  + Imagine your audience is a person moving to the area, or thinking about moving to the area(s) you're reporting on.
  + Add context explaining your findings, and alluding to part 3 and if you choose to dive in further.

* ***Optional*** - Part 3: **Visualize something interesting about top (or bottom) places to buy**
  + Now that you've found places where renting or buying is advantageous, dive in further using the above data or some other data included in the Zip
  + A few possible approaches:
    - Drill in to how this rent vs buy data has changed over the past few years
    - Look at education level. Do people with more education live in places where it's better to rent?
    - How do female vs male incomes look in places where it's better to rent?
    - What are the political leanings of place with high rent?
  + Make this one as fun and interesting as you can.