**Files:**

1. **UsConfig.R**: The config file with variable input values.
2. **Abhijith\_Antony\_Data\_Chal.RMD**: Main RMD file with the final code.
3. **Shiny\_App.R**: R shiny Application to support the main analysis.
4. **Abhijith\_Antony\_Data\_Chal.html:** HTML version of already knitted RMD file. (As my **final report).** The detailed information like the metadata created, Data quality information, assumptions made and the summary and conclusion are present in this file.
5. **Information:** Thisis a word file with information on theshiny application.

**How to Run (to be run In Sequence):**

1. Check the working directory (variable: **path**) in **UsConfig.R** file (or can be set manually here):

# Home Path

getwd()

**path**<-getwd()

1. **Keep the below source files** in the above set path, we can verify and change the name of the files here if needed:

# File names

**file\_airbnb** <- "listings.csv"

**file\_zillow** <- "Zip\_Zhvi\_2bedroom.csv"

1. **Knit to HTML** option for the RMD file: **Abhijith\_Antony\_Data\_Chal.RMD**, which is the main program. To be run only **after the** **completion of step2**.
2. Run the shiny application: **Shiny\_App.R** (**Run App** option on R studio). To be run only **after the**

**completion of step 3**.