I had proposed using SA3 data before this but then decided that since AURIN allowed me to use as much data as I need, I could go with SA2 instead which means I will now be focusing on areas in the same way as my age distribution will be.

Summary of Data Wrangling activities:

Dataset: SA2 Dwelling Structure by Family Composition

This dataset allows us to download information about one particular dwelling structure with cells representing the number of families with a certain kind of composition inhabiting it in a given area. I used AURIN to clean my data and only take data corresponding to separate houses and residential apartments that are two stories or more from the whole dataset. That divided my large dataset into two manageable chunks of data from which I could derive meaningful information.

For Age Distribution I tried to get the age distribution of Melbourne currently in the form of the age groups in different areas of Melbourne. I only took a basic count of the numbers instead of the percentages since I want to focus on Melbourne as a whole and not a concentrated region of it.

For the dataset relating to the Buildings Approval I used ABS’ tools in order to clean data in order to focus on the Greater Melbourne region instead of all of Australia. Moreover I took the data for the last decade in order to get as much data as I could