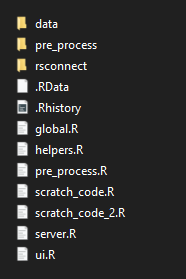
**File Structure**

The project folder structure contains a mixture of folders and files. The folders are primarily related to input data or data that has been through some preprocessing steps (e.g., combining separate pre-computed travel times from University of Chicago – one for each borough - into one compressed file). The files that are not tucked into a folder represent R code that is required for a functioning Shiny application (i.e., ui.R and server.R) as well as R code that serves to host auxiliary processes that run in support of the main application.

The folders and files are discussed generally below before a more detailed discussion that follows.



**File Structure – Overview**

1. Folders
   * data – Represents all the input data for the application other than what the user provides while the application is running. This folder includes input data for the NYC population, geographical information utilized to draw the outlines of the maps utilized by the application, community resource information that represents the asset information available when the application launches and pre-computed travel times provided through the University of Chicago’s access research.
   * pre\_process holds a single compressed file representing the combination of the five separate pre-computed travel time files in the *data/uofc\_precomputed\_times/transit\_walk* folder.
     1. These pre-computed travel time files reflect origin to destination travel times for each “origin” census tract to “destination” tracts within a 100-kilometer radius of the origin census tract. Each file corresponds to origin census tracs within a given borough and the multitude of destination census tracs that are within that travel distance radius.
     2. The first portion of the ***pre\_process.R*** file in the parent folder filters out any destination census tracts outside of the five NYC countries and combines the information into one compressed csv file that resides in the *pre\_process* folder.
   * *rsconnect* – This folder is specific to housing configuration information utilized to upload the Shiny dashboard application to the Rstudio hosting platform (<https://www.shinyapps.io/>). This folder will be re-established for each user that wants to have the ability to edit and upload the application hosted on this shinyapps.io website.