Katie – reorient with tidyverse and ggplot, playing around with data, exploratory visualization, looking at different time-points

* General figures in R (ggplot2) (<https://r-graph-gallery.com/ggplot2-package.html>)
* General figures in Python (seaborn) (<https://seaborn.pydata.org/tutorial/function_overview.html>)

Becky – importing data and merging 2 datasets, trouble initially was one dataset was the demographics, and the other dataset included data from the sub-analysis, one was in long and one was in wide, pared down to a couple lines

* Populated in missing data as values vs ignoring missing
* R: Left\_join vs right\_join vs full\_join (<https://r-coder.com/merge-r/>)
* Python: pandas (merge, join, concatenate, append, compare) (<https://pandas.pydata.org/docs/user_guide/merging.html>)

Grace – build electronic cohort, get people with certain parameters (e.g., MCID for lower extremity impairment). Making venn diagram of ICD 10 code that indicates a stroke. Use left join to pull in, R code error, OT and PT code is different on the calendar, how to identify duplication/more than one encounter on the same day

* Filter function in tidyverse (<https://dplyr.tidyverse.org/reference/filter.html>)
* Filder function with python (<https://realpython.com/python-filter-function/>)

Anne – error message in R with version of the package/library/function

* Try to operate under the same version, some package may be built in a different version of R
* Same environment, good for collaboration (<https://code.visualstudio.com/>)

Audrey – correlation plot, issues with packages/loading in wrong order. Put asterisk to indicate significance, trace and edit code so asterisks appear above graph in the right location)

* Which libraries you actually need for which things (everyone copy/pastes it over, what does each library actually do)
* Some packages in R have overlapping functions, if you have two with the same function it will give you a warning that x package is masking another package or function, it will use the most recent package that you loaded
* Get into habit of labelling why each package is needed in the specific script
* Dplyr::filter

Amanda – using Jupyter notebook and practiced setting up an RMD in R, being organized

General

* Keep as one group for now and can revisit later on, keeping same time for now
* Allison and Michelle will meet to plan out remaining meetings
* Meeting structure will be ½ updates and going over any errors/questions that came up, ½ content based on group interest (e.g., data visualization) and folks can sign up to show their work for group feedback!