Time log

Week1:

Jan. 31st: Browsing the R shiny gallery and looking for the data

Time: 1 hour

Feb. 1st: Learn R shiny with the tutorial video

Time: 1 hour

Feb. 3rd: Learn reactive and observation in R shiny

Time: 1 hour

Feb. 5th: Construct UI as an experiment

Time: 1 hour

Week2:

Feb. 7th: Collecting data (Chinese dictionary, Diary of crazy person)

Time: 2 hours

Feb. 9th: Create a function that can classify words based on their pinyin

Time: 1 hour

Feb. 10th: Data cleaning (Learn how to use Jieba library and cut sentences into words and save to a csv file)

Time: 4 hours

Week 3:

Feb. 13th: Create a dataset description and make histograms of data

Time: 2 hours

Feb. 15th: Implement UI and create a wordcloud

Time: 3 hours

Feb. 18th: Decide to change data since there are not much visualizations to create with word data. Look for new datasets and learn how to work with excel

Time: 4 hours

Week 4:

Feb. 21nd: Create a choropleth map with ggplot2, histogram with ggplot

Time: 2 hours

Feb. 25th: Implement UI (sidebar) and try to make interactive map (fail)

Time: 2 hours

Feb. 27th: Try to make interactive map (fail)

Time: 3 hours

Week 5:

March. 1st: Create a choropleth map with leaflet

Time: 2 hours

March. 3rd: Create a choropleth map with leaflet by adding county shapefile

Time: 2 hours

March. 6th: Add other features to the map such as adding popup chosen by user

Time: 4 hours

Week 6:

March. 9th: Create a table output

Time: 2 hours

March. 11th : Add a histogram and summary statistics

Time: 3 hours

March. 12th : Create a scatter plot and regression

Time: 3 hours

March. 13th: Video recording and Documentation

Time: 6 hours

Data collection: