* Resources:
  + DataCamp: <https://www.datacamp.com/courses/free-introduction-to-r>
  + Coursera: <https://www.coursera.org/specializations/jhu-data-science>
  + UPenn MUSA: <https://github.com/MUSA-620-Spring-2018/course-materials>
  + Cheat sheets: <https://rstudio.com/resources/cheatsheets/>
  + Geospatial: <https://bookdown.org/robinlovelace/geocompr/spatial-operations.html>
* R
  + <https://www.r-project.org/>
  + CRAN Mirror: Cloud
  + Base
* R Studio
  + <https://rstudio.com/products/rstudio/download/#download>
  + Script
  + Console
  + Environment
  + Help/plot
* Packages
  + dplyr: data manipulation
  + stringr: dealing with text
  + lubridate: dealing with datetime
  + ggplot2: data visualization
  + plotly: interactive viz
  + sf: geospatial
* Basics
  + Library
  + Help
  + Comment
  + Setwd and getwd –to set up or view the working directory
  + Assign value to variable
  + Read data
  + Structure
  + Slicing
  + Filtering
  + Select columns
  + Create column
  + Piping
  + Group by and summarize
  + Join
  + For loop
  + If else
  + Write data
  + Formatting
* Tips
  + Read data
  + Subset
  + Ifelse
  + Apply
  + Drop duplicates
  + Reshape
* Plot
  + ggplot2
  + plotly
* Geospatial
  + Spatial join
  + ggmap
* Database
  + PostGIS
  + Sqlite
* RMarkdown
* RShiny