Documented Changes from R to Python

R	Python	Purpose	Differences
data.frame()	pandas.DataFrame()	Fundamental data structure in both languages, utilizes row and column names for data organization and manipulation	-The data.frame() is a built in construct in R, while DataFrame() must be imported into Python using pandas. -They also utilize different functions for manipulating data (see previous week documentation for functions) Resources: Python link R link
plot() Or ggplot()	DataFrame.plot.scatter()	Visualizing the relationships of different variables in a data set. Potentially revealing correlation.	Practically the same. -ggplot utilizes layering with extra lines outside the function to create the visual (ex: geom_point()), while in pandas it can all be achieved inside the function through the parameters Resources: Python link R link
datatable()	show()	Allow for interactive data tables in order view all of the data more efficiently utilizing tabbing and a search function	datatable() is from the DT library in R, show() is from the itables package in python Resources: Python link R link