DS 413/613

Classwork/Lab

Web Scraping using APIs

1

a) Using the link provided in your notes, secure a Census Bureau API key. Run the census code that requires usage of the API key and then use R coding to produce a table that shows the median age for households by state for the year 2000.

b) Show and use R code to find the mean, median, ,max, min, Q1, and Q3 for the median age.

2

a) Using the link provided in your notes, use and show R coding to produce a table that shows the median age for Hispanic or Latino men for the year 2010 (Hint: the 8 character variable code starts with characters P013. Search in your table to get the other four characters.

b) Show and use R code to find the mean, median, ,max, min, Q1, and Q3 for the median age.

c) Produce a coding chunk using dplyr functions to generate a table that gives results for values that are greater than or equal to 25.