

Feedback — Week 2 Quiz

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Thank you. Your submission for this quiz was received.

You submitted this quiz on **Thu 12 Feb 2015 5:22 PM PST**. You got a score of **15.00** out of **15.00**.

Question 1

Register an application with the Github API here <https://github.com/settings/applications>. Access the API to get information on your instructors repositories (hint: this is the url you want "<https://api.github.com/users/jtleek/repos>"). Use this data to find the time that the datasharing repo was created. What time was it created? This tutorial may be useful (<https://github.com/hadley/htr/blob/master/demo/oauth2-github.r>). You may also need to run the code in the base R package and not R studio.

Your Answer	Score	Explanation
<input type="radio"/> 2012-06-20T18:39:06Z		
<input checked="" type="radio"/> 2013-11-07T13:25:07Z	✓ 3.00	
<input type="radio"/> 2014-02-06T16:13:11Z		
<input type="radio"/> 2014-03-05T16:11:46Z		
Total	3.00 / 3.00	

Question 2

The sqldf package allows for execution of SQL commands on R data frames. We will use the sqldf package to practice the queries we might send with the dbSendQuery command in RMySQL. Download the American Community Survey data and load it into an R object called

acs

<https://d396qusza40orc.cloudfront.net/getdata%2Fdata%2Fs06pid.csv>

Which of the following commands will select only the data for the probability weights pwgtp1 with ages less than 50?

Your Answer	Score	Explanation
<input type="radio"/> sqldf("select * from acs where AGE < 50")		
<input type="radio"/> sqldf("select * from acs")		
<input checked="" type="radio"/> sqldf("select pwgtp1 from acs where AGE < 50")	✓ 3.00	
<input type="radio"/> sqldf("select pwgtp1 from acs")		
Total	3.00 / 3.00	

Question 3

Using the same data frame you created in the previous problem, what is the equivalent function to `unique(acs$AGE)`

Your Answer	Score	Explanation
<input checked="" type="radio"/> sqldf("select distinct AGE from acs")	✓ 3.00	
<input type="radio"/> sqldf("select unique * from acs")		
<input type="radio"/> sqldf("select unique AGE from acs")		
<input type="radio"/> sqldf("select distinct pwgtp1 from acs")		
Total	3.00 / 3.00	

Question 4

How many characters are in the 10th, 20th, 30th and 100th lines of HTML from this page:

<http://biostat.jhsph.edu/~jleek/contact.html>

(Hint: the `nchar()` function in R may be helpful)

Your Answer	Score	Explanation
<input type="radio"/> 45 0 2 2		
<input type="radio"/> 43 99 7 25		
<input type="radio"/> 45 92 7 2		
<input type="radio"/> 45 31 2 25		
<input type="radio"/> 43 99 8 6		
<input type="radio"/> 45 31 7 31		
<input checked="" type="radio"/> 45 31 7 25	3.00	
Total	3.00 / 3.00	

Question 5

Read this data set into R and report the sum of the numbers in the fourth of the nine columns.

<https://d396qusza40orc.cloudfront.net/getdata%2Fwksst8110.for>

Original source of the data: <http://www.cpc.ncep.noaa.gov/data/indices/wksst8110.for>

(Hint this is a fixed width file format)

Your Answer	Score	Explanation
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☐ 28893.3

☐ 222243.1

☐ 101.83

☐ 36.5

☐ 35824.9

☒ 32426.7  3.00

Total 3.00 / 3.00

