

Week 2 Quiz

Quiz, 5 questions

5/5 points (100.00%)

✓ **Congratulations! You passed!**

Next Item



1 / 1
points

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/httr/blob/master/demo/oauth2-github.r>). You may also need to run the code in the base R package and not R studio.



2013-11-07T13:25:07Z

Correct



2014-01-04T21:06:44Z



2014-03-05T16:11:46Z



2013-08-28T18:18:50Z



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points

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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.

5/5 points (100.00%)

Download the American Community Survey data and load it into an R object called

1 acs

<https://d396qusza40orc.cloudfront.net/getdata%2Fdata%2Fss06pid.csv>

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



sqldf("select pwgtp1 from acs where AGE $<$ 50")



Correct



sqldf("select * from acs where AGE $<$ 50 and pwgtp1")



sqldf("select * from acs")



sqldf("select pwgtp1 from acs")



1 / 1
points

3.

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



sqldf("select unique * from acs")



sqldf("select distinct AGE from acs")



Correct



sqldf("select AGE where unique from acs")



sqldf("select distinct pwgtp1 from acs")

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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)



45 31 7 25



Correct



43 99 7 25



45 92 7 2



45 31 2 25



45 0 2 2



43 99 8 6



45 31 7 31



1 / 1
points

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5.

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

5/5 points (100.00%)

<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)

- ☐ 36.5
- ☐ 35824.9
- ☐ 222243.1
- ☐ 28893.3
- ☒ 32426.7

Correct

- ☐ 101.83

