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# Assignment: 03 - R

Bucket: 3 - In-Class

Due Date: 2016-01-30

Grading Hidden? no

Teams? no

## Description:

R has a help command.

Try typing these into your R session:

```
help(read.csv)
help(merge)
help(qplot)
help(ggsave)
```

The assignment:

- Get the Baseball Data (<http://www.ccs.neu.edu/home/ntuck/courses/2016/01/cs6240/data/lahman-baseball-2014.tar.gz>).
- Generate a plot of player salary (in Salaries.csv) vs. homeruns (HR in Batting.csv).
- Save the image as a PNG.

To submit:

- A .zip or .tar.gz containing:
- Your PNG.
- An R script that generates the PNG.


## Extra tasks (do not submit):

- Save a plot average team salary vs. average homeruns.
- Save a plot of average team salary vs. average homeruns for 2003.
- Find the (player, year) with the best (homeruns / salary) ratio.
- Find the player with the best career homeruns / salary ratio among players who played at least 3 years.

## Assignment Download: ()

# Your Submissions

[New Submission \(/assignments/32/submissions/new\)](/assignments/32/submissions/new)

Date	Status	Automatic	Teacher	Score	Link
2016-01-29 21:47:37 -0500		0 / 100	100.0 / 100	100.0 / 100	<a href="/submissions/1884">View (/submissions/1884)</a>

[Course Page \(http://www.ccs.neu.edu/home/ntuck/courses/2016/01/cs6240/index.html\)](http://www.ccs.neu.edu/home/ntuck/courses/2016/01/cs6240/index.html) | [Piazza \(https://piazza.com/class/ij4yepvz8v3zf\)](https://piazza.com/class/ij4yepvz8v3zf)

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