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OPTIONAL

If you would like to learn R or statistics or data analysis via Swirl:
<http://swirlstats.com/students.html>

Install swirl

Open RStudio (or just plain R if you don't have RStudio) and type the following into the console:

```
> install.packages("swirl")
```

Note that the > symbol at the beginning of the line is R's prompt for you type something into the console. We include it here so you know that this command is to be typed into the console and not elsewhere. The part you type begins after > .

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OPTIONAL

After you have installed a package using

```
> install.packages("swirl")
```

You can load the package using the library command:

```
> library(swirl)
```

Use the following to install Swirl courses:

```
> install_from_swirl("Course Name Here")
```

The following will start swirl:

```
> swirl()
```

For a list of courses:
https://github.com/swirldev/swirl_courses#swirl-courses
<http://swirlstats.com/scn/title.html>

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We will use the package igraph/

- Normally you only need to install a package once.
e.g `> install.packages("igraph")`
- If you want to use a package, you must load it
e.g `> library("igraph")`
You only need to do this once per session.
- If you want to repeat a command, you can use the up-arrow on your keyboard to obtain previously typed commands in the console.
- When you start typing commands, R will show you some choices. You can click on the one you want.

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To run an R script:

- Select the section you want to run and click run

Run blue highlighted portion

- Click on the line you want to run and click run. Continue clicking run to run the code line by line.

Run line 8

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Network visualization with R
<http://kateto.net/network-visualization>

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