

# Downloading and Loading Tidy Tuesday Data

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## 1 Create a project on the server

First, create a project on the server.

## 2 Download Tidy Tuesday data

### 2.1 Get the Tidy Tuesday repository link

Go to the [Tidy Tuesday GitHub site](#) and click on the green `clone or download` button.

GitHub interface showing the repository **rfordatascience / tidyuesday**. The repository has 441 commits, 2 branches, 0 packages, 11 releases, 9 contributors, and is licensed under MIT.

Buttons: Watch, Star (301), Fork (1.4k), 629.

Navigation: Code, Issues (69), Pull requests (3), Actions, Projects (0), Wiki, Security, Insights.

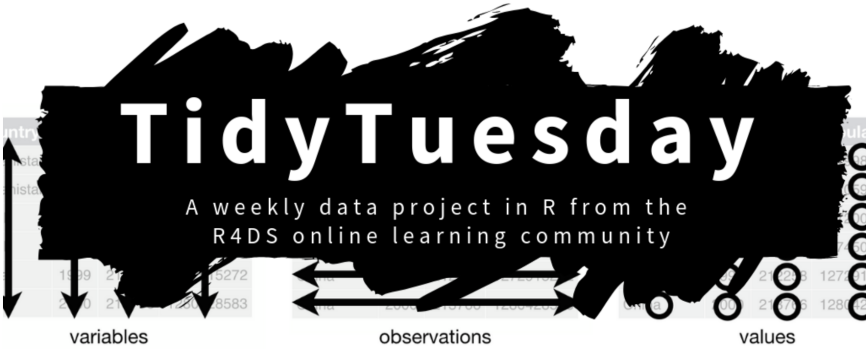
Official repo for the #tidytuesday project

Branch: master | New pull request | Create new file | Upload files | Find file | Clone or download

Latest commit 8e14df1 6 days ago by jthomasmock: Add files via upload

File	Commit	Time
community_resources	add french trains data	9 months ago
data	Add files via upload	6 days ago
static	Add files via upload	11 months ago
.gitignore	add data	8 months ago
CODE_OF_CONDUCT.md	Create CODE_OF_CONDUCT.md	last year
LICENSE	Create LICENSE	2 years ago
README.md	Update README.md	7 days ago

README.md



Next, select the copy button to copy the url link. <https://github.com/rfordatascience/tidyuesday.git>

GitHub interface showing the repository **rfordatascience / tidyuesday**. The repository has 441 commits, 2 branches, 0 packages, 11 releases, 9 contributors, and is licensed under MIT.

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CODE_OF_CONDUCT.md	Create CODE_OF_CONDUCT.md	last year

Clone with HTTPS (Use SSH)

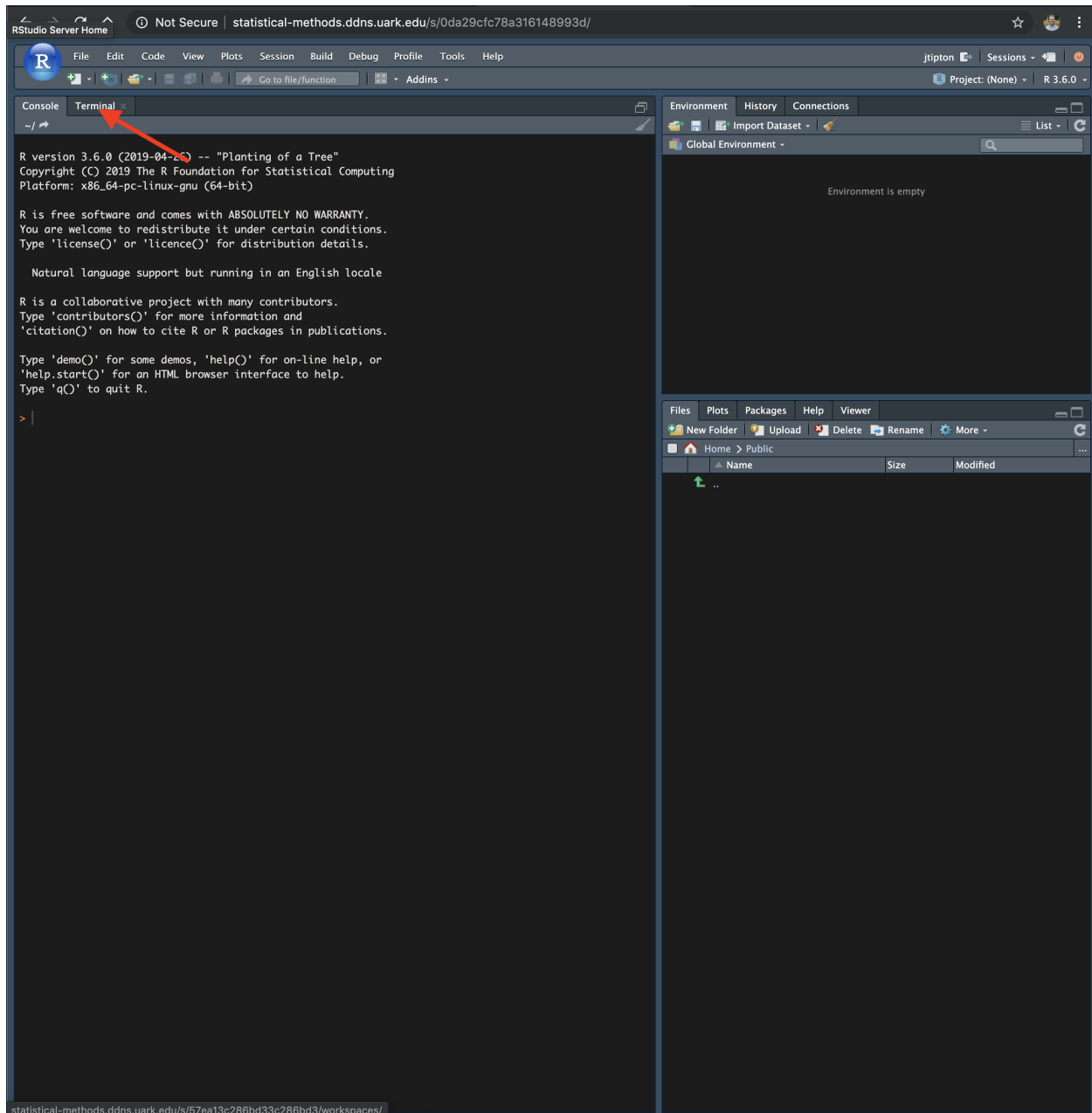
Use Git or checkout with SVN using the web URL.

<https://github.com/rfordatascience/tidyuesday.git> [Copy icon]

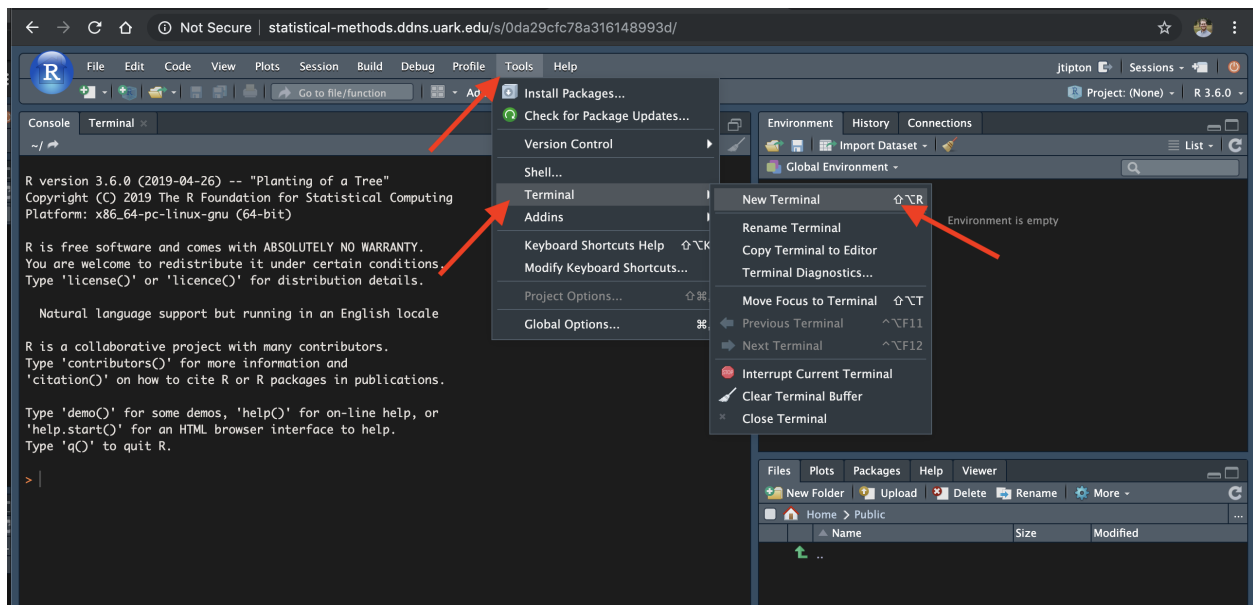
Open in Desktop | Download ZIP

## 2.2 Download the data into your project

In your **project** created in step 1, select the **terminal window**.



If there is no terminal window, you can access the terminal using Tools -> Terminal -> New Terminal

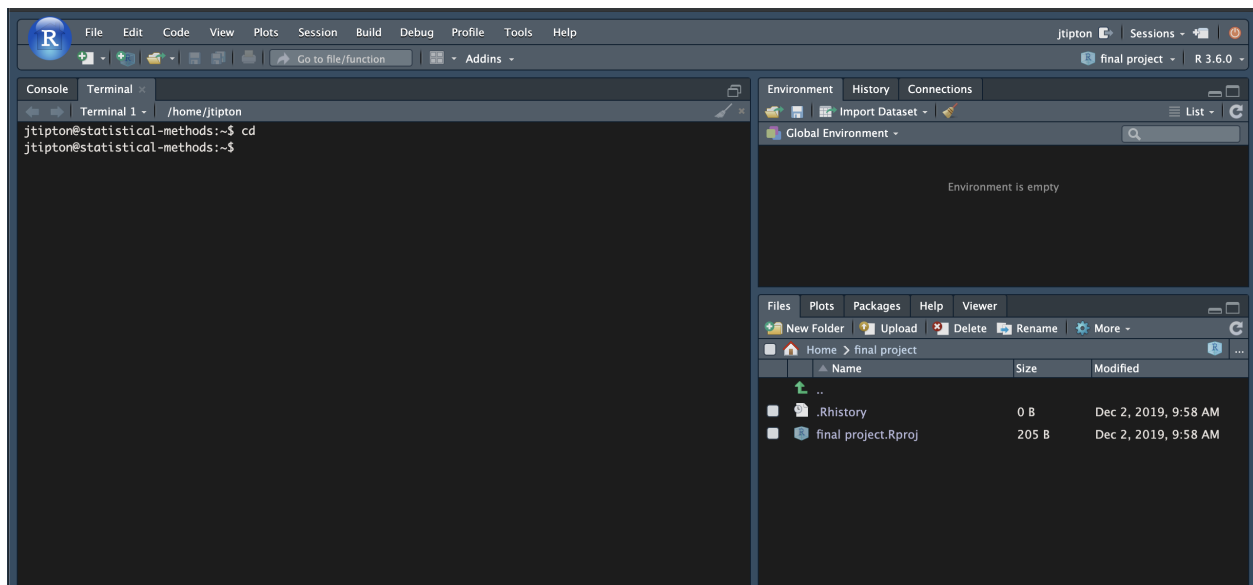


## 2.3 Locate your project folder in the terminal

First, you need to navigate to your home directory. To do this, type

```
cd
```

and then hit the return/enter key.



Next, you need to navigate to your project folder. My project is named **final-project**. To change to this folder, type

```
cd final-project/
```

and hit the return/enter key.

## 2.4 Make sure there is a directory named data in your directory

After you have navigated to your project directory using the terminal, make a **data** directory using

```
mkdir data
```

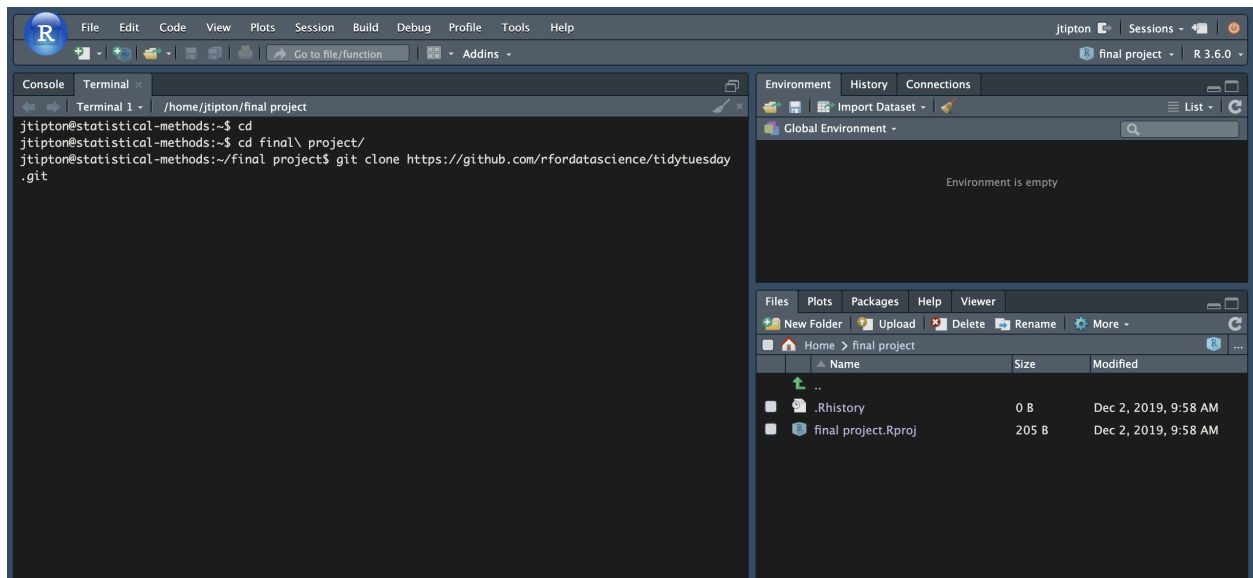
and then navigate to the data using

```
cd data
```

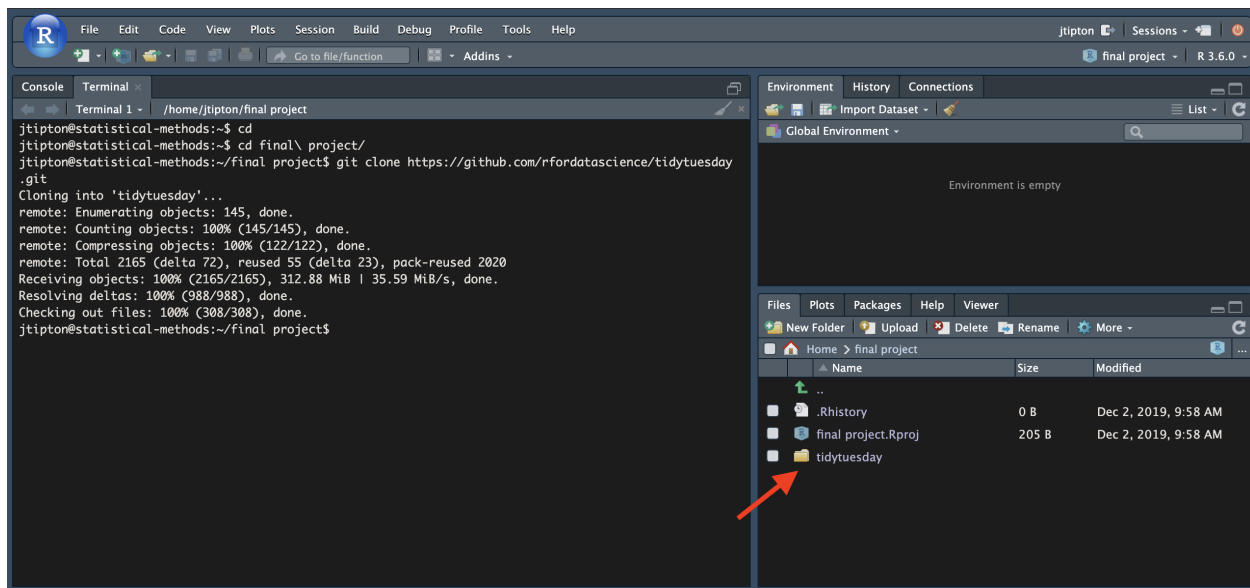
## 2.5 Download the Tidy Tuesday data into your project folder

Once you are in the **data** folder in your project folder (**final-project/data** for this example), download all of the Tidy Tuesday data by typing the copied repository clone ([green button from tidy Tuesday gitHub page](https://github.com/rfordatascience/tidytuesday))

```
git clone https://github.com/rfordatascience/tidytuesday.git
```



Once the data has been downloaded, the terminal should look like this:



Notice that the folder tidyuesday is now in the project file directory.

### 3 Loading data from Tidy Tuesday

To load data from the Tidy Tuesday folder, we use the `here` library.

### 3.1 Example: .csv file - NZ bird data

Say I am interested in the November 19, 2019 dataset on New Zealand bird voting. The data are in a `.csv` file named `nz_bird.csv` that can be loaded using the `read_csv()` function from the folder path (relative to the project folder) `data/tidyuesday/data/2019/2019-11-19/`. By the way, widespread voter fraud was just discovered in the [2020 New Zealand bird of the year voting](#).

```
dat <- read_csv(here::here("data", "tidytuesday", "data", "2019", "2019-11-19", "nz_bird.csv"))
```

```
## Parsed with column specification:
## cols(
##   date = col_date(format = ""),
##   hour = col_double(),
##   vote_rank = col_character(),
##   bird_breed = col_character()
## )
```

```
glimpse(dat)
```

```
## Rows: 217,300
## Columns: 4
## $ date      <date> 2019-10-28, 2019-10-28, 2019-10-28, 2019-10-28, 2019-10-28, ...
## $ hour      <dbl> 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, ...
## $ vote_rank <chr> "vote_1", "vote_2", "vote_3", "vote_4", "vote_5", "vote_6", "vote_7", "vote_8", ...
## $ bird_breed <chr> "Gibson's Albatross", "Tūī", "Kākā", "Kākāpō", "Little S."
```