Create a web page using R Markdown that features a map created with Leaflet.

Marta Averina

28/01/2020

Problem Description

Host your webpage on either GitHub Pages, RPubs, or NeoCities.

Your webpage must contain the date that you created the document, and it must contain a map created with Leaflet. We would love to see you show off your creativity!

Using required Packages

```
library(leaflet)
```

```
## Warning: package 'leaflet' was built under R version 3.4.4
```

```
library(htmltools)
```

```
## Warning: package 'htmltools' was built under R version 3.4.4
```

Accessing the data from .csv text file

From Kagle: Dataset about the best restaurants in the world. By Megh Mayur. Contains the list of The World's 50 Best Restaurants for 2018 (https://www.kaggle.com/mmayur/the-worlds-50-best-restaurants (https://www.kaggle.com/mmayur/the-worlds-50-best-restaurants))

```
setwd("c:/users/MartaT/Documents/datasets/")
datamap <- read.csv(file = "TheWorlds50BestRestaurants2018.csv", header = TRUE, sep = ",")
```

Creating my data frame in order to manipulate the dataset like a table.

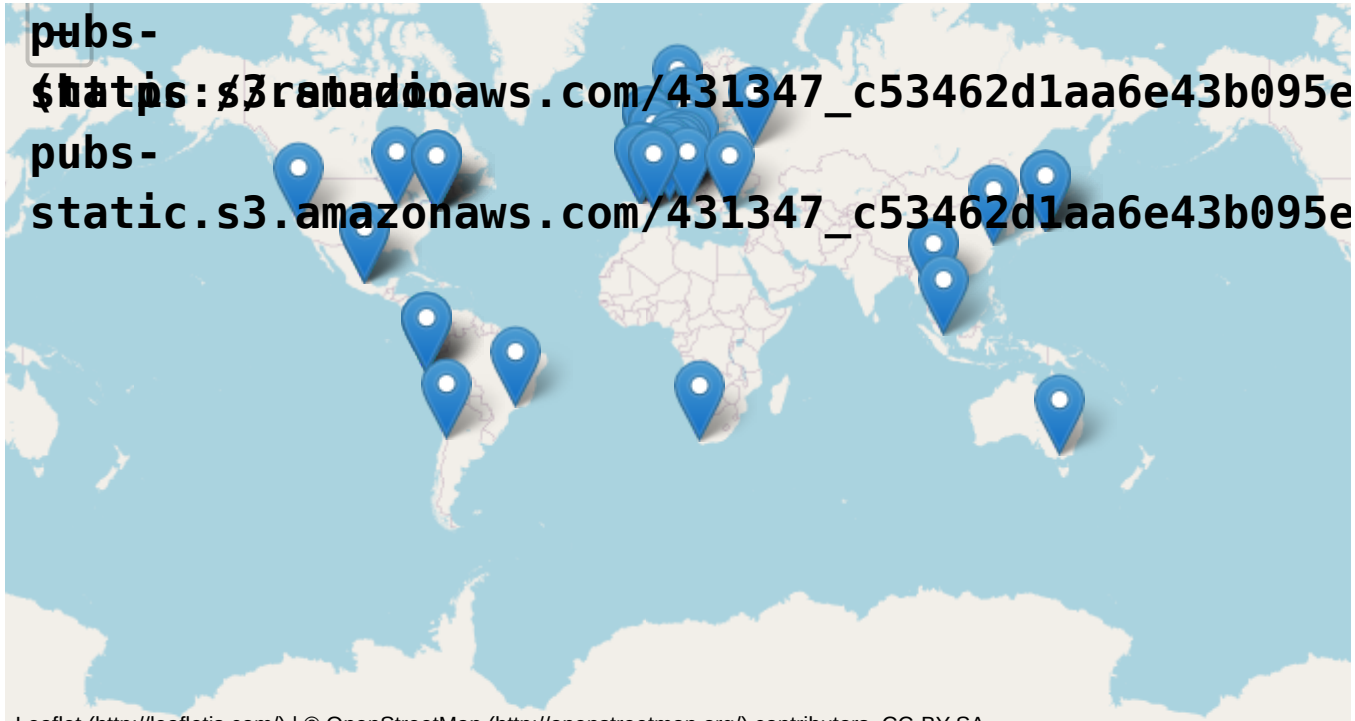
```
mimapa <- data.frame(Ranking = datamap$Ranking,
                     Name = datamap$Name,
                     City = datamap$City,
                     Country = datamap$Country,
                     Latitude = datamap$Latitude,
                     Longitude = datamap$Longitude
                     )
```

Activating the Map

```
map <- mimapa %>%
  leaflet() %>%
  addTiles() %>%
  addMarkers(popup=paste
             ("<br>Country: ",
               htmlEscape(mimapa$Country),
              "<br>City: ",
               htmlEscape(mimapa$City),
              "<br>Restaurant: ",
               htmlEscape(mimapa$Name),
              "<br>Ranking: ",
               formatC(datamap$Ranking, format = "d", big.mark = ",")
              )
            )
```

```
## Assuming "Longitude" and "Latitude" are longitude and latitude, respectively
```

```
map
```


pubs-
static.s3.amazonaws.com/431347_c53462d1aa6e43b095e
pubs-
static.s3.amazonaws.com/431347_c53462d1aa6e43b095e
Leaflet (http://leafletjs.com/) | © OpenStreetMap (http://openstreetmap.org/) contributors, CC-BY-SA (http://creativecommons.org/licenses/by-sa/2.0/)