

Lab Exercise 3_Pineda

Pineda, Andrea Patrice A.

2024-04-18

```
#install.packages("dplyr")
#install.packages("rvest")
#install.packages("polite")
#install.packages("httr")

library(dplyr)

##
## Attaching package: 'dplyr'
## The following objects are masked from 'package:stats':
##
##   filter, lag
## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union

library(rvest)
library(polite)
library(httr)

reviews <- data.frame()

link <- "https://www.imdb.com/title/tt1028532/reviews/?ref=tt_ql_2"
session <- bow(link, user_agent = "Educational Purpose")

scrapeNodes <- function(selector) {
  scrape(session) %>%
    html_nodes(selector) %>%
    html_text(trim = TRUE)
}

titleMovie <- scrapeNodes("a.subnav_heading")
reviewer <- scrapeNodes("span.display-name-link")[1:10]
scrapedDate <- scrapeNodes("span.review-date")[1:10]
scrapedRating <- scrapeNodes("span.rating-other-user-rating")[1:10]
scrapedReview <- scrapeNodes("div.text.show-more__control")[1:10]
scrapedTitleReview <- scrapeNodes("a.title")[1:10]

reviews <- rbind(reviews, data.frame(
  movie_title = rep(titleMovie, 10),
  reviewer_name = reviewer,
```

```

review_date = scrapedDate,
review_rating = scrapedRating,
review_content = scrapedReview,
review_title = scrapedTitleReview
))

```

```
reviews
```

```

##          movie_title      reviewer_name      review_date review_rating
## 1 Hachi: A Dog's Tale Davor_Blazevic_1959  4 January 2010          9/10
## 2 Hachi: A Dog's Tale          maria_c54   17 August 2009          9/10
## 3 Hachi: A Dog's Tale          lectrolux   16 August 2009          9/10
## 4 Hachi: A Dog's Tale      surfer-lancealot  2 February 2010         10/10
## 5 Hachi: A Dog's Tale          elish-enuma-1  4 December 2009         10/10
## 6 Hachi: A Dog's Tale          JapanGaijin   23 August 2009         10/10
## 7 Hachi: A Dog's Tale          bobnsri 19 November 2009         10/10
## 8 Hachi: A Dog's Tale              OU 20 February 2020          7/10
## 9 Hachi: A Dog's Tale      planktonrules   22 August 2014         10/10
## 10 Hachi: A Dog's Tale      pchk-629-36011   8 January 2010          7/10

```

```
##
```

```
## 1
```

```
## 2
```

```
## 3
```

```
## 4
```

```
## 5
```

```
## 6
```

```
## 7
```

```
## 8
```

```
## 9 "Hachi: A Dog's Tale" is a remake of a Japanese film, "Hachi-Ko" (1987). Oddly, however, this Ame
```

```
## 10
```

```
##
```

```
##          review_title
## 1      Unprecedented loyalty in a story of age-old friendship

```

```
## 2          So Touching and Real!

```

```
## 3          Be sure to take tissues!

```

```
## 4          Extremely Emotional

```

```
## 5          Couldn't stop crying

```

```
## 6          Enough to make a grown man cry!

```

```
## 7 If You've Ever Owned a Dog, Don't Miss This Film About Loyalty Love and Devotion.

```

```
## 8          Hachi

```

```
## 9          It's hard to hate a cute doggy film...

```

```
## 10          Not sad, but eyes red

```