

Lab_Exercise#3_Octaviano

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```
#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)
library(selectr)

reviews <- data.frame()

link <- "https://www.imdb.com/title/tt0088763/reviews?ref_=tt_urv"
session1 <- bow(link, user_agent = "Educational Purpose")

scrapeNodes <- function(selector) {
  scrape(session1) %>%
    html_nodes(selector) %>%
    html_text(trim = TRUE)
}

titleMovie <- "Back to the Future (1985)"
scrapedTitle <- scrapeNodes("a.title")[1:10]
scrapedReviewer <- scrapeNodes(".display-name-link a")[1:10]
scrapedReview <- scrapeNodes(".collapsible div.text")[1:10]
scrapedDate <- scrapeNodes("div.lister-item:nth-of-type(n+2) span.review-date")[1:10]
scrapedRating <- scrapeNodes("span.rating-other-user-rating")[1:10]

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

```

reviewer = scrapedReviewer,
review = scrapedReview,
date = scrapedDate,
ratings = scrapedRating
))

```

```
reviews
```

```

##          movie_title
## 1  Back to the Future (1985)
## 2  Back to the Future (1985)
## 3  Back to the Future (1985)
## 4  Back to the Future (1985)
## 5  Back to the Future (1985)
## 6  Back to the Future (1985)
## 7  Back to the Future (1985)
## 8  Back to the Future (1985)
## 9  Back to the Future (1985)
## 10 Back to the Future (1985)

```

```

##                                     title
## 1                                     So good in so many ways
## 2                                     A Time -Travelling Classic
## 3                                     How could anything be more fun than this?
## 4                                     Great movie
## 5  A classic masterpiece the original the only best my favorite time travel film of all time
## 6                                     A film you can watch time and time again.
## 7                                     An '80s classic that never disappoints
## 8                                     Gets Better With Age
## 9                                     Gotta get back in time! Get back Marty!
## 10                                    Huge fun.

```

```

##          reviewer
## 1 TheLittleSongbird
## 2   Chrysanthepop
## 3   Anonymous_Maxine
## 4             mm-39
## 5       ivo-cobra8
## 6       BA_Harrison
## 7   Leofwine_draca
## 8       gavin6942
## 9   george.schmidt
## 10  Sleepin_Dragon

```

```

##
## 1
## 2
## 3
## 4
## 5  What can I say about this movie that was already said? It is my favorite time travel sci-fi, adventure
## 6
## 7
## 8
## 9
## 10

```

```

##          date ratings
## 1    29 July 2008   10/10

```

| | | |
|-------|------------------|-------|
| ## 2 | 1 June 2000 | 10/10 |
| ## 3 | 28 November 2004 | 10/10 |
| ## 4 | 17 April 2017 | 10/10 |
| ## 5 | 20 November 2010 | 10/10 |
| ## 6 | 9 May 2016 | 10/10 |
| ## 7 | 19 November 2014 | 9/10 |
| ## 8 | 27 February 2003 | 10/10 |
| ## 9 | 3 February 2023 | 10/10 |
| ## 10 | 4 June 2002 | 10/10 |