

Lab 3

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```
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)
```

```
movie_reviews <- data.frame()

link <- "https://www.imdb.com/title/tt1630029/reviews?ref_=tt_urv"
session <- bow(link, user_agent = "Educational")

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

movie_title <- scrapeNodes("a.subnav_heading")
reviewer <- scrapeNodes("span.display-name-link")[1:10]
Date <- scrapeNodes("span.review-date")[1:10]
Rating <- scrapeNodes("span.rating-other-user-rating")[1:10]
Review <- scrapeNodes("div.text.show-more__control")[1:10]
RevTitle <- scrapeNodes("a.title")[1:10]

movie_reviews <- rbind(movie_reviews, data.frame(
  Movie_Title = rep(movie_title, 10),
  Reviewer_Name = reviewer,
  Review_Date = Date,
  Review_Rating = Rating,
```

```
Review_content = Review,
Review_Title = RevTitle))
```

```
movie_reviews
```

```
##           Movie_Title  Reviewer_Name  Review_Date Review_Rating
## 1 Avatar: The Way of Water      Rob-O-Cop    20 April 2023         3/10
## 2 Avatar: The Way of Water  fraser-simons 29 December 2022         6/10
## 3 Avatar: The Way of Water    dommercaldi 29 January 2023         4/10
## 4 Avatar: The Way of Water    Tweetienator 16 December 2022         6/10
## 5 Avatar: The Way of Water  JumpingCineFile 15 December 2022         7/10
## 6 Avatar: The Way of Water      Paragon240 16 December 2022         6/10
## 7 Avatar: The Way of Water    garabedian123 18 December 2022         4/10
## 8 Avatar: The Way of Water    alfredvankuik 15 December 2022         5/10
## 9 Avatar: The Way of Water          murkee 17 February 2023         4/10
## 10 Avatar: The Way of Water      the-n      6 January 2023         3/10
```

```
##
```

```
## 1
```

```
## 2
```

```
## 3 Pros:\n1. For the most part, the movie has exceptional visuals and produces some stunning scenes,
```

```
## 4
```

```
## 5
```

```
## 6
```

```
## 7
```

```
## 8
```

```
## 9
```

```
## 10
```

```
##
```

```
## 1
```

Hard to care enough to finish w

```
## 2
```

Bro, The only thing it nails is how pr

```
## 3
```

Messy and Inconsistent Plot Points, Over bloated With Teen Melodrama, But Pret

```
## 4
```

Visuals Top,

```
## 5
```

Visually stunning and action packed but stor

```
## 6 Avatar: The Way of Water follows in its predecessor's footsteps with stunning effects and a medio
```

```
## 7
```

I wanted to love..but there is no magic in

```
## 8
```

Emp

```
## 9
```

Overlong and self

```
## 10
```

Story and especially the dialogue

```
write.csv(movie_reviews, file = "movie_reviews.csv")
```