

FINAL PROJECT

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```
install.packages("rvest")

## Installing package into '/cloud/lib/x86_64-pc-linux-gnu-library/4.3'
## (as 'lib' is unspecified)

library(rvest)
url <- "https://www.imdb.com/title/tt12747748/reviews/?ref=tt_ql_2"

scrape_reviews <- function(url) {
  webpage <- read_html(url)
  reviews <- webpage %>% html_nodes(".text.show-more__control") %>% html_text()
  reviews <- gsub("[\\r\\n]", "", reviews)
  reviews <- gsub("\\s+", " ", reviews)
  return(reviews)
}

next_page <- function(url) {
  webpage <- read_html(url)
  next_page_url <- webpage %>% html_node(".lister-page-next.next-page") %>% html_attr("href")
  return(next_page_url)
}

reviews_list <- c()
reviews_count <- 0

while (reviews_count <- 275 ) {
  reviews <- scrape_reviews(url)
  reviews_list <- c(reviews_list, reviews)
  reviews_count <- reviews_count + length(reviews)

  next_url <- next_page(url)
  if (is.na(next_url)) {
    break # No more pages
  } else {
    url <- paste0("https://www.imdb.com", next_url)
  }
}
```

```
reviews_list <- head(reviews_list, 300)
```

```
# Display the reviews  
cat(reviews_list, sep = "\n\n")
```

```
## Difficult to say what the point of this was. It starts of quite well but the longer it goes on, the  
##  
## I can enjoy slow character-driven movies.....as long as there is a payoff for the slowness.This movi  
##  
## So long yet nothing happens.So tense yet90% of the tension comes from bizarre camera angles and stran  
##  
## Started out with lots of promise for a thoughtful, tense thriller. But unfortunately that didn't com  
##  
## Don't believe the hype. This is a poor excuse for a movie. Vapid, slow, filled with false drama and p  
##  
## Almost. The storyline was interesting. That's what had me intrigued. Especially with the cast! I mean  
##  
## What in the ever lovin F$!& was this movie all about? I was actually pretty intrigued. This was some  
##  
## Three 1980s icon stars. Julia robers, ethan hawk and kevin bacon in a world disaster movie. Wow, i w  
##  
## What a pitiful, ham-fisted attempt at a slow burn...to nowhere. I see awards on the horizon: for Mos  
##  
## I read other reviews that didn't like the ending or didn't see the point. Many of us are just fine i  
##  
## For over 2 hours, this movie shows the first hours and days after the loss of satellite communication  
##  
## More than 2 hours of total nonsense, which looks like it is made up as it goes along.Fake dialogue w  
##  
## Wow I was initially flustered because I had read several bad reviews but then flabbergasted when it  
##  
## What a disgrace. Netflix just can't nail the slow burn no matter who they hire or how much cash they  
##  
## This was really good, in my opinion.It was weird seeing Roberts play an unlikable woman but she grew  
##  
## This is a film about a 13-year-old girl who has been watching the TV series "Friends," but just befor  
##  
## Despite the great cast and acting, in my opinion this movie was a huge failure. It is not that it has  
##  
## I really wanted to like this movie. It has such a great cast and I had such high hopes. As soon as I  
##  
## Wow, they really cranked the engagement (+tension) levels all the way up to eleven here. And for wha  
##  
## Typical US self-obsessed nonsense. Terrible performances and worse direction. Truly awful writing.I  
##  
## I love disaster and end of the world movies. I thought I would love this. But then the cast is terril  
##  
## Hahaha - what an absolute travesty this insipid waste of 2 hours 20 minutes was... while on paper the  
##  
## I've watched some awful movies in my lifetime, but this crappy, stupid was a total waste...I want my  
##  
## This film was a disturbing look at the world under cyberattack and the response of the Sandford fami  
##  
## Facing the apocalypse in a unique way is not an easy thing to do in movies, but director/screenwriter
```