

Final Project

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Select a website that you want to scrape 300 reviews.

```
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()

for(counter in 1:12){
  looplink = paste0("https://www.imdb.com/title/tt1517268/reviews?sort=userRating&dir=desc&ratingFilter=")

  link = looplink

  session <- bow(link,
    user_agent = "For Educational Purpose")

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

  rating_name <- scrapeNodes("span.display-name-link")

  rating_title <- scrapeNodes("a.title")

  rating_contents <- scrapeNodes("div.content")
}
```

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rating_date <- scrapeNodes("span.review-date")

rating_ratings <- scrapeNodes("div.ipl-ratings-bar")

reviews <- rbind(reviews, data.frame(name = rating_name,
                                     title = rating_title,
                                     contents = rating_contents,
                                     date = rating_date,
                                     ratings = rating_ratings))
}
reviews[1:100,1:5]

```

```

##           name
## 1          BA_Harrison
## 2      niallmcentegart-93295
## 3          kobalplatt
## 4      STARONTHETOPOFTHESKY
## 5 thedarkknightreturns-96915
## 6          yurixander10
## 7          protsenkody
## 8          nmottel
## 9          evisadh
## 10         d-s-allen82
## 11         chriswalls-08218
## 12         ericvankeimpema
## 13         pensacolacomputer
## 14         owenjmiddleton
## 15         amandakelly-44326
## 16         mariekeherwijnen
## 17         bdewiyah
## 18         kim_shea_berg
## 19         eva-rebac
## 20         craigfish-86029
## 21         hamedkhazaei55
## 22         li0904426
## 23         steveecho
## 24         mr_asdfg
## 25         taylorelizabethb
## 26         SarahAppleSauce98
## 27         KrustyKrabnz
## 28         piotr-postowicz
## 29         mayaaaaaaaaaaaa
## 30         jonathanruano
## 31         marismini
## 32         bbosma-24403
## 33         darksun3
## 34         RomeoQQ
## 35         coldinan
## 36         olgakastritsi-81359
## 37         davelake-79902
## 38         theoneandonlycrazyian

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## 39         sparkysparker
## 40         javierfcontreras
## 41         brodyderek
## 42         jannochko26
## 43         jmcygbsn
## 44         alisonacostachinchilla
## 45         tcjames-74057
## 46         princepurple1979
## 47         sevigk
## 48         damian-50231
## 49         hgrill
## 50         amandasluiman
## 51         antoniatejedabarros
## 52         jacobarch
## 53         elihebdon
## 54         Azureus91
## 55         uebermut-1
## 56         enigma49
## 57         boyd-03573
## 58         liefie2000
## 59         rebeccaxjan
## 60         nicri-28979
## 61         beanbaguk
## 62         julian-heinz
## 63         nathanholt-67152
## 64         musajasna
## 65         ryfletch
## 66         softwatcher
## 67         liamjd-36600
## 68         omerus91
## 69         themurphys-11710
## 70         tharunbabu-72513
## 71         bonniepage-40421
## 72         SureCommaNot
## 73         philippe-ripoll
## 74         vincentssheehan
## 75         ayanks
## 76         sandy777
## 77         stusby
## 78         MissSimonetta
## 79         moviesgamesandvideos
## 80         max-850
## 81         ambusched94
## 82         Dello_
## 83         brianjohnson-20043
## 84         nwsquadron
## 85         Joytoyxx
## 86         olelmao
## 87         Criticalstaff
## 88         miriamkheirom
## 89         theamykeown
## 90         gianthaole
## 91         jfgibson73
## 92         ThereelscoopwithKK

```

93 otaku-90710
94 Skipfishh
95 jtkwtc
96 ngr-18639
97 asderei
98 abeburnett
99 mfgkqwcx
100 missmaddibishop

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Margot Robbie & Ryan Gosling's performances bolster a film with messaging that is heavy-handed and

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## 82 I had great expectations for the Barbie movie, mainly because of the writers (Greta Gerwig and N
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##
##          date ratings
## 1  19 September 2023    1/10
## 2   13 August 2023     1/10
## 3  12 September 2023    1/10
## 4   9 September 2023    1/10
## 5  10 September 2023    1/10

```

## 6	1 October 2023	1/10
## 7	28 August 2023	1/10
## 8	16 December 2023	1/10
## 9	20 September 2023	1/10
## 10	16 October 2023	1/10
## 11	5 August 2023	1/10
## 12	2 October 2023	1/10
## 13	7 September 2023	1/10
## 14	24 September 2023	1/10
## 15	21 July 2023	1/10
## 16	2 November 2023	1/10
## 17	1 August 2023	1/10
## 18	23 July 2023	1/10
## 19	9 September 2023	1/10
## 20	19 July 2023	1/10
## 21	13 August 2023	1/10
## 22	25 October 2023	1/10
## 23	22 July 2023	1/10
## 24	18 September 2023	1/10
## 25	22 July 2023	1/10
## 26	8 October 2023	2/10
## 27	1 December 2023	2/10
## 28	31 October 2023	2/10
## 29	21 July 2023	2/10
## 30	21 July 2023	2/10
## 31	16 October 2023	2/10
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## 38	8 November 2023	2/10
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## 40	25 September 2023	2/10
## 41	5 November 2023	2/10
## 42	3 September 2023	2/10
## 43	7 October 2023	2/10
## 44	26 July 2023	2/10
## 45	25 July 2023	2/10
## 46	14 October 2023	2/10
## 47	10 September 2023	2/10
## 48	3 December 2023	2/10
## 49	15 December 2023	2/10
## 50	6 December 2023	2/10
## 51	29 August 2023	3/10
## 52	23 July 2023	3/10
## 53	22 July 2023	3/10
## 54	20 July 2023	3/10
## 55	2 October 2023	3/10
## 56	20 July 2023	3/10
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## 66	23 July 2023	3/10
## 67	3 September 2023	3/10
## 68	21 July 2023	3/10
## 69	26 July 2023	3/10
## 70	1 August 2023	3/10
## 71	25 September 2023	3/10
## 72	25 July 2023	3/10
## 73	14 August 2023	3/10
## 74	25 July 2023	3/10
## 75	22 July 2023	3/10
## 76	21 November 2023	4/10
## 77	14 August 2023	4/10
## 78	20 July 2023	4/10
## 79	9 September 2023	4/10
## 80	27 August 2023	4/10
## 81	13 September 2023	4/10
## 82	25 July 2023	4/10
## 83	24 July 2023	4/10
## 84	21 July 2023	4/10
## 85	20 July 2023	4/10
## 86	21 July 2023	4/10
## 87	30 September 2023	4/10
## 88	6 September 2023	4/10
## 89	30 August 2023	4/10
## 90	23 July 2023	4/10
## 91	25 September 2023	4/10
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## 98	21 July 2023	4/10
## 99	25 July 2023	4/10
## 100	23 July 2023	4/10

```
plot(reviews)
```

