

Final Project

Songaling, Porras, Sumintao, Lumahan

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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 = "Educational")

  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")
}
```

```

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    STARONTHETOPOFTHESKY
## 4      kobalplatt
## 5 thedarkknightreturns-96915
## 6      protsenkodv
## 7      yurixander10
## 8      evisadh
## 9      d-s-allen82
## 10     chriswalls-08218
## 11     ericvankeimpema
## 12           nmottel
## 13     pensacolacomputer
## 14     amandakelly-44326
## 15     owenjmiddleton
## 16     kim_shea_berg
## 17     bdewiyah
## 18     craigfish-86029
## 19     li0904426
## 20     eva-rebac
## 21     hamedkhazaei55
## 22     mariekeherwijnen
## 23     steveecho
## 24     taylorelizabethb
## 25     fgarrido-98202
## 26     SarahAppleSauce98
## 27     KrustyKrabnz
## 28     piotr-postowicz
## 29     mayaaaaaaaaaaaa
## 30     bbosma-24403
## 31     jonathanruano
## 32     marismini
## 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         rebeccaxjan
## 57         boyd-03573
## 58         enigma49
## 59         liefie2000
## 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         martimusross
## 73         SureCommaNot
## 74         philippe-ripoll
## 75         vincentssheehan
## 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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Disappointing

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

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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   9 September 2023    1/10
## 4  12 September 2023    1/10
## 5  10 September 2023    1/10

```

## 6	28 August 2023	1/10
## 7	1 October 2023	1/10
## 8	20 September 2023	1/10
## 9	16 October 2023	1/10
## 10	5 August 2023	1/10
## 11	2 October 2023	1/10
## 12	16 December 2023	1/10
## 13	7 September 2023	1/10
## 14	21 July 2023	1/10
## 15	24 September 2023	1/10
## 16	23 July 2023	1/10
## 17	1 August 2023	1/10
## 18	19 July 2023	1/10
## 19	25 October 2023	1/10
## 20	9 September 2023	1/10
## 21	13 August 2023	1/10
## 22	2 November 2023	1/10
## 23	22 July 2023	1/10
## 24	22 July 2023	1/10
## 25	19 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	27 November 2023	2/10
## 31	21 July 2023	2/10
## 32	16 October 2023	2/10
## 33	3 September 2023	2/10
## 34	1 October 2023	2/10
## 35	3 September 2023	2/10
## 36	22 July 2023	2/10
## 37	17 December 2023	2/10
## 38	8 November 2023	2/10
## 39	19 December 2023	2/10
## 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
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## 56	27 August 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	9 October 2023	3/10
## 73	25 July 2023	3/10
## 74	14 August 2023	3/10
## 75	25 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)
```

