

Mini Project : Book Rating by goodreads

```
library(tidyverse)
library(rvest)
```

```
url <- ("https://www.goodreads.com/list/show/10198.Books_With_a_Goodreads_Average
```

```
bookscore <- read_html(url)
```

```
bookname <- bookscore %>%
  html_nodes("a.bookTitle") %>%
  html_text2()
```

```
bookrating <- bookscore %>%
  html_nodes("span.minirating") %>%
  html_text2()
```

```
bookauthor <- bookscore %>%
  html_nodes("div.authorName__container") %>%
  html_text2()
```

```
#build a dataset
df <- data.frame(
  Book = bookname,
  Rating = bookrating,
  Author = bookauthor
)
```

```
df
```

A data.frame: 100 x 3

Book	Rating	Author
<chr>	<chr>	<chr>
Harry Potter and the Deathly Hallows (Harry Potter, #7)	4.62 avg rating — 3,429,576 ratings	J.K. Rowling
The Name of the Wind (The Kingkiller Chronicle, #1)	4.52 avg rating — 880,503 ratings	Patrick Rothfuss (Goodreads Author)
The Way of Kings (The Stormlight Archive, #1)	4.65 avg rating — 416,926 ratings	Brandon Sanderson (Goodreads Author)
The Wise Man's Fear (The Kingkiller Chronicle, #2)	4.55 avg rating — 513,332 ratings	Patrick Rothfuss (Goodreads Author)
Words of Radiance (The Stormlight Archive, #2)	4.75 avg rating — 292,150 ratings	Brandon Sanderson (Goodreads Author)
Clockwork Princess (The Infernal Devices, #3)	4.56 avg rating — 417,645 ratings	Cassandra Clare (Goodreads Author)
A Storm of Swords (A Song of Ice and Fire, #3)	4.54 avg rating — 737,806 ratings	George R.R. Martin
Harry Potter and the Prisoner of Azkaban (Harry Potter, #3)	4.58 avg rating — 3,747,116 ratings	J.K. Rowling
Harry Potter and the Half-Blood Prince (Harry Potter, #6)	4.58 avg rating — 3,012,342 ratings	J.K. Rowling
Harry Potter and the Goblet of Fire (Harry Potter, #4)	4.56 avg rating — 3,349,296 ratings	J.K. Rowling
A Court of Mist and Fury (A Court of Thorns and Roses, #2)	4.63 avg rating — 986,991 ratings	Sarah J. Maas (Goodreads Author)
The House of Hades (The Heroes of Olympus, #4)	4.56 avg rating — 361,030 ratings	Rick Riordan (Goodreads Author)
Queen of Shadows (Throne of Glass, #4)	4.56 avg rating — 457,973 ratings	Sarah J. Maas (Goodreads Author)
Crooked Kingdom (Six of Crows, #2)	4.61 avg rating — 516,283 ratings	Leigh Bardugo (Goodreads Author)
A Story of Yesterday	4.60 avg rating — 10,778 ratings	Sergio Cobo
The Authoritative Calvin and Hobbes: A Calvin and Hobbes Treasury	4.70 avg rating — 22,854 ratings	Bill Watterson
The Nightingale	4.60 avg rating — 1,075,565 ratings	Kristin Hannah (Goodreads Author)
Calvin and Hobbes (Calvin and Hobbes, #1)	4.60 avg rating — 145,660 ratings	Bill Watterson
Empire of Storms (Throne of Glass, #5)	4.57 avg rating — 383,437 ratings	Sarah J. Maas (Goodreads Author)
The Return of the King (The Lord of the Rings, #3)	4.55 avg rating — 818,734 ratings	J.R.R. Tolkien
Collected Fictions	4.57 avg rating — 22,854 ratings	Jorge Luis Borges
Oathbringer (The Stormlight Archive, #3)	4.62 avg rating — 198,609 ratings	Brandon Sanderson (Goodreads Author)
It's a Magical World (Calvin and Hobbes, #11)	4.73 avg rating — 27,766 ratings	Bill Watterson