

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

Warning message in system("timedatectl", intern = TRUE):

"running command 'timedatectl' had status 1"

Warning message:

"Failed to locate timezone database"

— Attaching packages — tidyverse 1.3.1

```
✓ ggplot2 3.3.5    ✓ purrr  0.3.4
✓ tibble  3.1.5    ✓ dplyr  1.0.7
✓ tidyr   1.1.4    ✓ stringr 1.4.0
✓ readr   2.0.2    ✓ forcats 0.5.1
```

— Conflicts — tidyverse\_conflicts()

```
✗ dplyr::filter() masks stats::filter()
✗ purrr::flatten() masks jsonlite::flatten()
✗ dplyr::lag()     masks stats::lag()
```

Attaching package: 'rvest'

```
url <- "https://www.nytimes.com/books/best-sellers/combined-print-and-e-book-nonf
```

```
#read html
book <- read_html(url)
```

```
#book title
titles <- book %>%
  html_nodes("h3.css-5pe77f") %>%
  html_text2()
```

```
titles
```

'SPARE' · 'IT\'S OK TO BE ANGRY ABOUT CAPITALISM' · 'THE BODY KEEPS THE SCORE' · 'I\'M GLAD MY MOM DIED' ·  
 'THE LIGHT WE CARRY' · 'WALK THE BLUE LINE' · 'ALL ABOUT LOVE' · 'CASTE' · 'UNSCRIPTED' · 'LOVE, PAMELA' ·  
 'ALL MY KNOTTED-UP LIFE' · 'THE NAZI CONSPIRACY' · 'BRAIDING SWEETGRASS' · 'THE 1619 PROJECT' ·  
 'BITTERSWEET'

```
#book authors
authors <- book %>%
  html_nodes("p.css-hjukut") %>%
  html_text2()
```

authors

'by Prince Harry' · 'by Bernie Sanders with John Nichols' · 'by Bessel van der Kolk' · 'by Jennette McCurdy' ·  
 'by Michelle Obama' · 'by James Patterson and Matt Eversmann with Chris Mooney' · 'by bell hooks' ·  
 'by Isabel Wilkerson' · 'by James B. Stewart and Rachel Abrams' · 'by Pamela Anderson' · 'by Beth Moore' ·  
 'by Brad Meltzer and Josh Mensch' · 'by Robin Wall Kimmerer' ·  
 'edited by Nikole Hannah-Jones, Caitlin Roper, Ilena Silverman and Jake Silverstein' · 'by Susan Cain'

```
#book publishers
publishers <- book %>%
  html_nodes("p.css-heg334") %>%
  html_text2()
```

publishers

'Random House' · 'Crown' · 'Penguin' · 'Simon & Schuster' · 'Crown' · 'Little, Brown' · 'Morrow' · 'Random House' ·  
 'Penguin Press' · 'Dey Street' · 'Tyndale Momentum' · 'Flatiron' · 'Milkweed Editions' · 'One World' · 'Crown'

```
#book descriptions
descriptions <- book %>%
  html_nodes("p.css-14lubdp") %>%
  html_text2()
```

descriptions

'The Duke of Sussex details his struggles with the royal family, loss of his mother, service in the British Army and marriage to Meghan Markle.'

'The Vermont senator depicts the impact capitalism has on key areas of our lives and ways to address this.'

'How trauma affects the body and mind, and innovative treatments for recovery.'

'The actress and filmmaker describes her eating disorders and difficult relationship with her mother.'

'The former first lady shares personal stories and the tools she uses to deal with difficult situations.'

'A collection of stories about police officers.'

'The late feminist icon explores the causes of a polarized society and the meaning of love.'

'The Pulitzer Prize-winning journalist examines aspects of caste systems across civilizations and reveals a rigid hierarchy in America today.'

'Two New York Times journalists portray power struggles within Paramount Global, the multibillion-dollar entertainment empire controlled by the Redstone family.'

'The actress and activist details her childhood, rise to fame and the ways she is reclaiming the narrative of her life.'

'The founder of Living Proof Ministries details key moments from her life and her 2018 break with the Southern Baptist movement.'

'The story of a Nazi plot to kill President Roosevelt, Joseph Stalin and Winston Churchill.'

'A botanist and member of the Citizen Potawatomi Nation espouses having an understanding and appreciation of plants and animals.'

'Viewing America's entanglement with slavery and its legacy, in essays adapted and expanded from The New York Times Magazine.'

'The author of "Quiet" suggests ways to embrace loss and suffering within ourselves and others.'

```
#build a dataset
df <- data.frame(
  Title = titles,
  Author = authors,
  Publisher = publishers,
  Description = descriptions
)
```

df



A data.frame: 15 × 4

Title	Author	Publisher	Description
<chr>	<chr>	<chr>	<chr>
SPARE	by Prince Harry	Random House	The Duke of Sussex details his struggles with the royal family, loss of his mother, service in the British Army and marriage to Meghan Markle.
IT'S OK TO BE ANGRY ABOUT CAPITALISM	by Bernie Sanders with John Nichols	Crown	The Vermont senator depicts the impact capitalism has on key areas of our lives and ways to address this.
THE BODY KEEPS THE SCORE	by Bessel van der Kolk	Penguin	How trauma affects the body and mind, and innovative treatments for recovery.
I'M GLAD MY MOM DIED	by Jennette McCurdy	Simon & Schuster	The actress and filmmaker describes her eating disorders and difficult relationship with her mother.
THE LIGHT WE CARRY	by Michelle Obama	Crown	The former first lady shares personal stories and the tools she uses to deal with difficult situations.
WALK THE BLUE LINE	by James Patterson and Matt Eversmann with Chris Mooney	Little, Brown	A collection of stories about police officers.
ALL ABOUT LOVE	by bell hooks	Morrow	The late feminist icon explores the causes of a polarized society and the meaning of love.
CASTE	by Isabel Wilkerson	Random House	The Pulitzer Prize-winning journalist examines aspects of caste systems across civilizations and reveals a rigid hierarchy in America today.
UNSCRIPTED	by James B. Stewart and Rachel Abrams	Penguin Press	Two New York Times journalists portray power struggles within Paramount Global, the multibillion-dollar entertainment empire controlled by the Redstone family.
LOVE, PAMELA	by Pamela Anderson	Dey Street	The actress and activist details her childhood, rise to fame and the ways she is reclaiming the narrative of her life.
ALL MY KNOTTED-UP LIFE	by Beth Moore	Tyndale Momentum	The founder of Living Proof Ministries details key moments from her life and her 2018 break with the Southern Baptist movement.
THE NAZI CONSPIRACY	by Brad Meltzer and Josh Mensch	Flatiron	The story of a Nazi plot to kill President Roosevelt, Joseph Stalin and Winston Churchill.
BRAIDING SWEETGRASS	by Robin Wall Kimmerer	Milkweed Editions	A botanist and member of the Citizen Potawatomi Nation espouses having an understanding and appreciation of plants and animals.
THE 1619 PROJECT	edited by Nikole Hannah-Jones, Caitlin Roper, Ilena Silverman and Jake Silverstein	One World	Viewing America's entanglement with slavery and its legacy, in essays adapted and expanded from The New York Times Magazine.
BITTERSWEET	by Susan Cain	Crown	The author of "Quiet" suggests ways to embrace loss and suffering within ourselves and others.

```
#write csv  
write_csv(df, "NYTBestellers.csv")
```