

Lab_Exercise 1

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2024-02-08

```
library(rvest)
library(polite)
library(readr)
```

```
##
## Attaching package: 'readr'

## The following object is masked from 'package:rvest':
##
##   guess_encoding
```

```
library(httr)
library(tidyverse)
```

```
## -- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
## v dplyr      1.1.4      v purrr      1.0.2
## v forcats    1.0.0      v stringr   1.5.1
## v ggplot2    3.4.4      v tibble    3.2.1
## v lubridate  1.9.3      v tidyr     1.3.1
```

```
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter()      masks stats::filter()
## x readr::guess_encoding() masks rvest::guess_encoding()
## x dplyr::lag()          masks stats::lag()
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

```
library(knitr)
library(kableExtra)
```

```
##
## Attaching package: 'kableExtra'
##
## The following object is masked from 'package:dplyr':
##
##   group_rows
```

```
library(readr)
```

```
#dress1_products
```

```
url <- 'https://www.amazon.com.au/s?k=dresses+for+women&i=fashion-womens&crd=3PD41I8FX32W1&sprefix=dre'
```

```
session1 <- bow(url,
  user_agent = "Student's Demo Educational")
```

```
session1
```

```
## <polite session> https://www.amazon.com.au/s?k=dresses+for+women&i=fashion-womens&crid=3PD41I8FX32W1
## User-agent: Student's Demo Educational
## robots.txt: 94 rules are defined for 4 bots
## Crawl delay: 5 sec
## The path is scrapable for this user-agent
```

```
session_page <- scrape(session1)
```

```
dress1_name <- scrape(session1)%>%
html_nodes("h2.a-size-mini.a-spacing-none.a-color-base.s-line-clamp-2") %>%
html_text()
```

```
dress1_name[2:26]
```

```
## [1] "Women's Easy Classic Short Sleeve Stretch Cotton Polo Dress "
## [2] "Women's V-Neck Half Sleeve Shirt Dress Elegant Summer Casual Plain Short Dress S-XXL "
## [3] "Women's Summer Striped Short Sleeve T Shirt Dress Casual Tie Waist with "
## [4] "T-Shirt Short Sleeve Cotton Summer Dresses for Women "
## [5] "PWC0234298 Women's Bear Pattern Dress "
## [6] "Women's Everyday Soft Casual Sneaker Dress "
## [7] "Tommy Hilfiger Women's Tiered Stripe Midi Dress "
## [8] "Women Muslim Dress Ramadan One Piece Prayer Garment Hijab Abaya Dubai Islam Robe African Turkey
## [9] "Women's 2023 Summer Puff Sleeve Smocked Floral Dress Crewneck Lace Flowy Tiered Midi Dresses
## [10] "Women's Elegant High Split Flare Sleeve Formal Evening Gowns Maxi Dress with Cape "
## [11] "Women's Breton Stripes Sleeveless V-Neck Stretch Cotton Polo Dress "
## [12] "Short Sleeve Round Neck Women's Maxi Dress Pleated Plain Belt Dress "
## [13] "Women's Long Sleeveless Cascade Ruffle Detail Dress with Front Slit, Wedgewood Sleeve, 10 "
## [14] "Women Ruffle Mini Dress Bodycon Square Halter Neck Smocked Short Dress Lace Up Ruched Party Y2
## [15] "Satin Silk Backless Tube Tops Maxi Dress for Women Low Back Hollow Out Elegant Strapless Long
## [16] "Tommy Hilfiger Women's Short Sleeve Essential Everyday Dress "
## [17] "Women's "
## [18] "Indian Women's Mustard Poly Silk Ethnic Dress "
## [19] "Women Muslim One-Piece Full Cover Long Dress - Loose Hooded Dress Abaya Prayer Robe Islamic Cl
## [20] "Women's Vest_Dalia Casual Dress "
## [21] "Women's 2023 Summer Boho Spaghetti Strap Square Neck Solid Color Ruffle A Line Beach Long Maxi
## [22] "Women's "
## [23] "Women's Knee-Length Beach Dress Long Sleeves Swing Tunic Casual Dresses Summer Loose Dress Flo
## [24] "Women's Short Sleeve Collared Polo Dress "
## [25] "Women Casual Summer Short Ruffles Tiered Sleeve Smocked Midi Dresses Bohemian Floral V Neck We
```

```
dress1_prices <- scrape(session1)%>%
html_nodes("span.a-price") %>%
html_text()
```

```
dress1_prices[2:26]
```

```
## [1] "$103.23$103.23" "$90.32$90.32" "$40.84$40.84" "$94.67$94.67"
## [5] "$274.53$274.53" "$56.27$56.27" "$88.24$88.24" "$87.65$87.65"
## [9] "$67.01$67.01" "$115.82$115.82" "$84.51$84.51" "$56.57$56.57"
## [13] "$91.14$91.14" "$277.08$277.08" NA NA
## [17] NA NA NA NA
```

```
## [21] NA          NA          NA          NA
## [25] NA
```

```
dress1_ratings <- scrape(session1)%>%
  html_nodes("a.a-popover-trigger.a-declarative") %>%
  html_text()
```

```
dress1_ratings[2:26]
```

```
## [1] "4.2 out of 5 stars" "4.4 out of 5 stars" "4.2 out of 5 stars"
## [4] "4.4 out of 5 stars" "4.5 out of 5 stars" "5.0 out of 5 stars"
## [7] "4.1 out of 5 stars" "4.1 out of 5 stars" "4.3 out of 5 stars"
## [10] "4.2 out of 5 stars" "3.7 out of 5 stars" "4.5 out of 5 stars"
## [13] "3.9 out of 5 stars" "4.5 out of 5 stars" "3.5 out of 5 stars"
## [16] "4.3 out of 5 stars" "4.0 out of 5 stars" "4.5 out of 5 stars"
## [19] "4.0 out of 5 stars" "4.3 out of 5 stars" "4.3 out of 5 stars"
## [22] "4.3 out of 5 stars" "4.3 out of 5 stars" "4.5 out of 5 stars"
## [25] "4.2 out of 5 stars"
```

```
dress1_num_reviews <-scrape(session1) %>%
  html_nodes("span.a-size-base.s-underline-text") %>%
  html_text()
```

```
dress1_num_reviews[2:26]
```

```
## [1] "3,332" "386" "28,898" "175" "3" "19" "40" "79"
## [9] "1,733" "5,852" "3,653" "534" "2" "230" "675" "76"
## [17] "4" "415" "30" "24" "5,512" "892" "170" "591"
## [25] "99"
```

```
dress1_product <- data.frame(Dress_names =dress1_name[2:26],
                             Dress_price= dress1_prices[2:26],
                             Dress_ratings =dress1_ratings[2:26],
                             Dress_reviews= dress1_num_reviews[2:26])
```

```
dress1_product
```

```
##
## 1
## 2
## 3
## 4
## 5
## 6
## 7
## 8
## 9
## 10
## 11
## 12
## 13
## 14
## 15
## 16
## 17
## 18
## 19
```

Women's V-Neck

Women Muslim Dress Ramadan One

Women's 2023 Summer

Women's 1

Women's Long Slee

Women Ruffle Mini Dress Bodycon

Satin Silk Backless Tube Tops Maxi Dress f

Women Muslim One-Piece Full Cover L

```
## 20
## 21
## 22
## 23 Women's Knee-Length Beach Dress Long Sleeves Swing Tunic Casual Dresses Summer Loose Dress Floral
## 24
## 25 Women Casual Summer Short Ruffles Tiered Slee
##      Dress_price      Dress_ratings Dress_reviews
## 1  $103.23$103.23 4.2 out of 5 stars      3,332
## 2   $90.32$90.32 4.4 out of 5 stars       386
## 3   $40.84$40.84 4.2 out of 5 stars     28,898
## 4   $94.67$94.67 4.4 out of 5 stars      175
## 5  $274.53$274.53 4.5 out of 5 stars        3
## 6   $56.27$56.27 5.0 out of 5 stars       19
## 7   $88.24$88.24 4.1 out of 5 stars       40
## 8   $87.65$87.65 4.1 out of 5 stars       79
## 9   $67.01$67.01 4.3 out of 5 stars     1,733
## 10 $115.82$115.82 4.2 out of 5 stars     5,852
## 11  $84.51$84.51 3.7 out of 5 stars     3,653
## 12  $56.57$56.57 4.5 out of 5 stars      534
## 13  $91.14$91.14 3.9 out of 5 stars        2
## 14 $277.08$277.08 4.5 out of 5 stars      230
## 15      <NA> 3.5 out of 5 stars      675
## 16      <NA> 4.3 out of 5 stars       76
## 17      <NA> 4.0 out of 5 stars         4
## 18      <NA> 4.5 out of 5 stars      415
## 19      <NA> 4.0 out of 5 stars        30
## 20      <NA> 4.3 out of 5 stars        24
## 21      <NA> 4.3 out of 5 stars     5,512
## 22      <NA> 4.3 out of 5 stars      892
## 23      <NA> 4.3 out of 5 stars      170
## 24      <NA> 4.5 out of 5 stars      591
## 25      <NA> 4.2 out of 5 stars       99
```

```
write.csv(dress1_product,"dress1_product.csv")
```

```
#dress2_products
```

```
url <- 'https://www.amazon.com.au/s?k=dresses+for+women&i=fashion-womens&page=2&crd=1B7MUF0HV9YN6&qid=
```

```
session2 <- bow(url,
  user_agent = "Student's Demo Educational")
session2
```

```
## <polite session> https://www.amazon.com.au/s?k=dresses+for+women&i=fashion-womens&page=2&crd=1B7MUF
##      User-agent: Student's Demo Educational
##      robots.txt: 94 rules are defined for 4 bots
##      Crawl delay: 5 sec
##      The path is scrapable for this user-agent
```

```
session_page <- scrape(session2)
```

```
dress2_names <- scrape(session2)%>%
html_nodes("h2.a-size-mini.a-spacing-none.a-color-base.s-line-clamp-2") %>%
html_text()
```

```
dress2_names[2:26]
```

```
## [1] "Alex Evenings  "
## [2] "Women's  "
## [3] "Womens Puff Sleeve Square Neck Puffy Dress Babydoll Mesh Mini Dress High Rise Flare Organza Pa
## [4] "Womens Dresses V-Neck Spaghetti Strap Bowknot Backless Sleeveless Lace Mini Swing Skater Dress
## [5] "Women's Summer Beach A Line Dress Casual Flared Sleeveless Tank Dresses  "
## [6] "Women's Summer Square Neck Puff Sleeve Boho Midi Dress Swiss Dot Ruffle Flowy Tie Back Dress
## [7] "FTCayanz Damen Tunika Kleider Sommer Kurzarm Leinenkleider Boho Lang Sommerkleider Große Größ
## [8] "Women Y2k Floral Sheer Mesh Long Dress See Through Spaghetti Strap Maxi Dress Bodycon Tulle Ca
## [9] "Women's Patterned Sleeveless Fit & Flare Dress  "
## [10] "Women's Vest_Seneca Dress  "
## [11] "Women's  "
## [12] "Women's Beaded Chiffon Jacket Dress  "
## [13] "Women's Sportswear Funnel Neck Sweatshirt Dress  "
## [14] "Women's Matelasse Column Gown  "
## [15] "Women's Stretchy T-Shirt Dress  "
## [16] "Women's Embellished Plunging Gown Sleeveless Floral  "
## [17] "Women's Short Sleeved Princess Seamed Sheath Dress  "
## [18] "Women's 3/4 Sleeve Button Down Denim Shirt Dress  "
## [19] "Women's Tulip Sleeved Seamed Sheath  "
## [20] "Women's Flower Embroidered Maxi Dress Lantern Sleeve Square Neck Tiered Flowy Spring Fall Dress
## [21] "Women's Floral Dress Low-Cut Square Neck Spaghetti Strap Tie Bodycorn Dresses  "
## [22] "Women's T-Shirt Dress  "
## [23] "Denim Dress for Women Button Down Long Jean Shirt Vacation Dresses Babydoll Tiered Casual Summ
## [24] "ZESICA  "
## [25] "Women's Side Waist Tie Fit and Flare Dress  "
```

```
dress2_prices <- scrape(session2)%>%
html_nodes("span.a-price") %>%
html_text()
```

```
dress2_prices[2:26]
```

```
## [1] "$92.50$92.50" "$82.18$82.18" "$107.57$107.57" "$145.85$145.85"
## [5] "$108.09$108.09" "$161.32$161.32" "$140.58$140.58" "$99.03$99.03"
## [9] "$332.32$332.32" "$73.75$73.75" "$76.02$76.02" "$135.28$135.28"
## [13] "$90.67$90.67" "$66.13$66.13" "$67.07$67.07" NA
## [17] NA NA NA NA
## [21] NA NA NA NA
## [25] NA
```

```
dress2_ratings <- scrape(session2)%>%
html_nodes("a.a-popover-trigger.a-declarative") %>%
html_text()
```

```
dress2_ratings[2:26]
```

```
## [1] "4.3 out of 5 stars" "4.0 out of 5 stars" "4.6 out of 5 stars"
## [4] "3.8 out of 5 stars" "3.9 out of 5 stars" "4.2 out of 5 stars"
## [7] "4.2 out of 5 stars" "4.2 out of 5 stars" "4.7 out of 5 stars"
## [10] "5.0 out of 5 stars" "4.5 out of 5 stars" "4.2 out of 5 stars"
## [13] "4.7 out of 5 stars" "4.3 out of 5 stars" "5.0 out of 5 stars"
## [16] "4.4 out of 5 stars" "4.3 out of 5 stars" "4.3 out of 5 stars"
## [19] "4.6 out of 5 stars" "3.8 out of 5 stars" "4.3 out of 5 stars"
## [22] "4.5 out of 5 stars" "3.9 out of 5 stars" "4.2 out of 5 stars"
```

```
## [25] "3.8 out of 5 stars"
```

```
dress2_num_reviews <-scrape(session2) %>%
  html_nodes("span.a-size-base.s-underline-text") %>%
  html_text()
```

```
dress2_num_reviews[2:26]
```

```
## [1] "240"      "56"       "14"       "17,507"  "43,932"  "389"      "131"      "43"
## [9] "1"        "110"      "741"      "35"      "109"      "3"        "16"      "198"
## [17] "493"      "282"      "218"      "1,028"   "148"      "166"      "1,381"    "7"
## [25] "1,994"
```

```
dress2_product <- data.frame(Dress_names =dress2_names[2:26],
                             Dress_price= dress2_prices[2:26],
                             Dress_ratings =dress2_ratings[2:26],
                             Dress_reviews= dress2_num_reviews[2:26])
```

```
dress2_product
```

```
##
## 1
## 2
## 3 Womens Puff Sleeve Square Neck Puffy Dress Babydoll Mesh Mini Dress High Rise Flare Orga
## 4 Womens Dresses V-Neck Spaghetti Strap Bowknot Backless Sleeveless Lace Mini Sw
## 5 Womens Summer Beach A Line Dress Casual Flared Sleeveless
## 6 Women's Summer Square Neck Puff Sleeve Boho Midi Dress Swiss Dot Ruffle Flowy
## 7 FTCayanz Damen Tunika Kleider Sommer Kurzarm Leinenkleider Boho Lang Sommerkleid
## 8 Women Y2k Floral Sheer Mesh Long Dress See Through Spaghetti Strap Maxi Dress Bodycon Tulle Cami L
## 9 Womens Patterned Sleeveless Flowy
## 10 Womens V-Neck
## 11
## 12 Womens Beaded Chiffon
## 13 Womens Sportswear Funnel Neck
## 14 Womens Matelassée
## 15 Womens Stretch
## 16 Womens Embellished Plunging Gown S
## 17 Womens Short Sleeved Princess Sear
## 18 Womens 3/4 Sleeve Button Down D
## 19 Womens Tulip Sleeve
## 20 Womens Flower Embroidered Maxi Dress Lantern Sleeve Square Neck Tiered Flowy Sp
## 21 Womens Floral Dress Low-Cut Square Neck Spaghetti Strap Tie B
## 22 Womens
## 23 Denim Dress for Women Button Down Long Jean Shirt Vacation Dresses Babydoll Tier
## 24
## 25 Womens Side Waist Tie Fit
```

```
## Dress_price Dress_ratings Dress_reviews
## 1 $92.50$92.50 4.3 out of 5 stars 240
## 2 $82.18$82.18 4.0 out of 5 stars 56
## 3 $107.57$107.57 4.6 out of 5 stars 14
## 4 $145.85$145.85 3.8 out of 5 stars 17,507
## 5 $108.09$108.09 3.9 out of 5 stars 43,932
## 6 $161.32$161.32 4.2 out of 5 stars 389
## 7 $140.58$140.58 4.2 out of 5 stars 131
## 8 $99.03$99.03 4.2 out of 5 stars 43
## 9 $332.32$332.32 4.7 out of 5 stars 1
```

```
## 10  $73.75$73.75 5.0 out of 5 stars      110
## 11  $76.02$76.02 4.5 out of 5 stars      741
## 12  $135.28$135.28 4.2 out of 5 stars      35
## 13  $90.67$90.67 4.7 out of 5 stars     109
## 14  $66.13$66.13 4.3 out of 5 stars        3
## 15  $67.07$67.07 5.0 out of 5 stars       16
## 16      <NA> 4.4 out of 5 stars       198
## 17      <NA> 4.3 out of 5 stars       493
## 18      <NA> 4.3 out of 5 stars       282
## 19      <NA> 4.6 out of 5 stars       218
## 20      <NA> 3.8 out of 5 stars     1,028
## 21      <NA> 4.3 out of 5 stars       148
## 22      <NA> 4.5 out of 5 stars       166
## 23      <NA> 3.9 out of 5 stars     1,381
## 24      <NA> 4.2 out of 5 stars         7
## 25      <NA> 3.8 out of 5 stars     1,994
```

```
write.csv(dress2_product, "dress2_product.csv")
```

```
#dress3_products
```

```
url <- 'https://www.amazon.com.au/s?k=dresses+for+women&i=fashion-womens&page=3&crd=1B7MUF0HV9YN6&qid=
```

```
session3 <- bow(url,
  user_agent = "Student's Demo Educational")
session3
```

```
## <polite session> https://www.amazon.com.au/s?k=dresses+for+women&i=fashion-womens&page=3&crd=1B7MUF0HV9YN6&qid=
##   User-agent: Student's Demo Educational
##   robots.txt: 94 rules are defined for 4 bots
##   Crawl delay: 5 sec
##   The path is scrapable for this user-agent
```

```
session_page <- scrape(session3)
```

```
dress3_names <- scrape(session3)%>%
html_nodes("h2.a-size-mini.a-spacing-none.a-color-base.s-line-clamp-2") %>%
html_text()
```

```
dress3_names[2:26]
```

```
## [1] "Women's Patterned  "
## [2] "Tie Waist Summer, Button-Down Shirt Dress for Women  "
## [3] "Women's Vest_LAS Vegas Casual Dress  "
## [4] "All Gender Pleated Rib Dress  "
## [5] "Sharagano  "
## [6] "Women's Dress  "
## [7] "Women Summer Tie Straps Split Midi Dress Wrap Solid Floral Print Sleeveless Ruffle Casual Vint
## [8] "Women's Summer Dress Square Neck Short Sleeves Crossover Waist Casual Party Mini Dress  "
## [9] "Kaftan Dress - Caftans for Women - Women's Caftans Suiting Teens to Adult Women in Regular to L
## [10] "Women's  "
## [11] "Women's Casual Bohemian Print Tie Long Sleeve Beach Style Long Midi Holiday Dress  "
## [12] "Desigual 21SWVK282000 Women's Casual Dress  "
## [13] "Women's 2023 Summer Casual Sleeveless Crew Neck Smocked High Waist Flowy Tiered A Line Midi Dr
## [14] "Women's Shift Dress  "
## [15] "Women's Casual Boho Floral Print V-Neck Short Sleeve Button Down High Waist Mini Dress Work Dr
```

```
## [16] "Women's Sexy Bodycon Tank Top Dress Sleeveless Backless Basic Ruched Stretchy Party Club Midi L
## [17] "Women's Beach Swimsuit Coverups White Chiffon Bikini Swimwear Cover Up Shirt Dress  "
## [18] "Women's Audrey Spaghetti Strap Midi A-line 3D Floral Dress  "
## [19] "Women Sexy Backless Draped Maxi Dress Elegant Sleeveless Spaghetti Strap Evening Dress Long Cl
## [20] "Women's Summer Maxi Dress Casual Loose Pockets Long Dress Short Sleeve Split  "
## [21] "Women's 2 Piece Mesh Panel Beaded Neck Jacket Dress  "
## [22] "Women's Long-Sleeved Mini Dress Checked Dress Turtleneck Knitted Dress A-line Sweater Autumn D
## [23] "Women's 2023 Summer Boho Spaghetti Strap Square Neck Solid Color Ruffle A Line Beach Long Maxi
## [24] "Women Bohemian Embroidered Floral Dress 2023 Casual Puff Long Sleeve Maxi Dresses Boho Flowy R
## [25] "Women's Casual Day Dress  "
```

```
dress3_prices <- scrape(session3)%>%
  html_nodes("span.a-price") %>%
  html_text()
```

```
dress3_prices[2:26]
```

```
## [1] "$152.29$152.29" "$90.67$90.67" "$66.13$66.13" "$67.07$67.07"
## [5] "$98.65$98.65" "$139.85$139.85" "$110.87$110.87" "$82.33$82.33"
## [9] "$100.06$100.06" "$67.82$67.82" "$229.60$229.60" "$77.39$77.39"
## [13] "$143.28$143.28" "$91.96$91.96" "$128.08$128.08" "$63.94$63.94"
## [17] "$101.34$101.34" "$122.93$122.93" "$109.62$109.62" NA
## [21] NA NA NA NA
## [25] NA
```

```
dress3_ratings <- scrape(session3)%>%
  html_nodes("a.a-popover-trigger.a-declarative") %>%
  html_text()
```

```
dress3_ratings[2:26]
```

```
## [1] "5.0 out of 5 stars" "4.4 out of 5 stars" "4.3 out of 5 stars"
## [4] "4.3 out of 5 stars" "5.0 out of 5 stars" "3.7 out of 5 stars"
## [7] "4.3 out of 5 stars" "4.2 out of 5 stars" "4.2 out of 5 stars"
## [10] "4.0 out of 5 stars" "3.9 out of 5 stars" "4.6 out of 5 stars"
## [13] "4.4 out of 5 stars" "4.2 out of 5 stars" "4.0 out of 5 stars"
## [16] "3.6 out of 5 stars" "4.2 out of 5 stars" "4.3 out of 5 stars"
## [19] "4.0 out of 5 stars" "4.3 out of 5 stars" "3.7 out of 5 stars"
## [22] "4.3 out of 5 stars" "3.3 out of 5 stars" "4.0 out of 5 stars"
## [25] "2.9 out of 5 stars"
```

```
dress3_num_reviews <- scrape(session3) %>%
  html_nodes("span.a-size-base.s-underline-text") %>%
  html_text()
```

```
dress3_num_reviews[2:26]
```

```
## [1] "52" "132" "205" "2" "178" "1,119" "2,133" "19"
## [9] "700" "387" "15" "380" "9,762" "174" "230" "21,312"
## [17] "502" "985" "838" "26" "52" "115" "10" "29"
## [25] "4,839"
```

```
dress3_product <- data.frame(Dress_names = dress3_names[2:26],
                             Dress_price = dress3_prices[2:26],
                             Dress_ratings = dress3_ratings[2:26],
                             Dress_reviews = dress3_num_reviews[2:26])
```

```
dress3_product
```


##									
## 1									
## 2									Tie
## 3									
## 4									
## 5									
## 6									
## 7	Women Summer Tie Straps Split Midi Dress Wrap Solid Floral Print Slee								
## 8	Women's Summer Dress Square Neck Short								
## 9	Kaftan Dress - Caftans for Women - Women's Caftans Suit								
## 10									
## 11	Women's Casual Bohemian Print Tie								
## 12									
## 13	Women's 2023 Summer Casual Sleeveless Crew Neck S								
## 14									
## 15	Women's Casual Boho Floral Print V-Neck Short Slee								
## 16	Women's Sexy Bodycon Tank Top Dress Sleeveless Backles								
## 17	Women's Beach Swimsuit Coverups Whi								
## 18	Women's Au								
## 19	Women Sexy Backless Draped Maxi Dress Elegant Sleeveless Spaghetti								
## 20	Women's Summer Maxi Dress Ca								
## 21	Wom								
## 22	Women's Long-Sleeved Mini Dress Checked Dress Turtleneck Knitted Dress A-line Sweater Autumn Dress								
## 23	Women's 2023 Summer Boho Spaghetti Strap Square Neck								
## 24	Women Bohemian Embroidered Floral Dress 2023 Casual Puff Long Sleeve								
## 25									
##	Dress_price		Dress_ratings		Dress_reviews				
## 1	\$152.29	\$152.29	5.0	out of 5 stars	52				
## 2	\$90.67	\$90.67	4.4	out of 5 stars	132				
## 3	\$66.13	\$66.13	4.3	out of 5 stars	205				
## 4	\$67.07	\$67.07	4.3	out of 5 stars	2				
## 5	\$98.65	\$98.65	5.0	out of 5 stars	178				
## 6	\$139.85	\$139.85	3.7	out of 5 stars	1,119				
## 7	\$110.87	\$110.87	4.3	out of 5 stars	2,133				
## 8	\$82.33	\$82.33	4.2	out of 5 stars	19				
## 9	\$100.06	\$100.06	4.2	out of 5 stars	700				
## 10	\$67.82	\$67.82	4.0	out of 5 stars	387				
## 11	\$229.60	\$229.60	3.9	out of 5 stars	15				
## 12	\$77.39	\$77.39	4.6	out of 5 stars	380				
## 13	\$143.28	\$143.28	4.4	out of 5 stars	9,762				
## 14	\$91.96	\$91.96	4.2	out of 5 stars	174				
## 15	\$128.08	\$128.08	4.0	out of 5 stars	230				
## 16	\$63.94	\$63.94	3.6	out of 5 stars	21,312				
## 17	\$101.34	\$101.34	4.2	out of 5 stars	502				
## 18	\$122.93	\$122.93	4.3	out of 5 stars	985				
## 19	\$109.62	\$109.62	4.0	out of 5 stars	838				
## 20	<NA>		4.3	out of 5 stars	26				
## 21	<NA>		3.7	out of 5 stars	52				
## 22	<NA>		4.3	out of 5 stars	115				
## 23	<NA>		3.3	out of 5 stars	10				
## 24	<NA>		4.0	out of 5 stars	29				
## 25	<NA>		2.9	out of 5 stars	4,839				

```

write.csv(dress3_product, "dress3_product.csv")

#dress4_products

url <- 'https://www.amazon.com.au/s?k=dresses+for+women&i=fashion-womens&page=4&crid=1B7MUF0HV9YN6&qid=

session4 <- bow(url,
                user_agent = "Student's Demo Educational")
session4

## <polite session> https://www.amazon.com.au/s?k=dresses+for+women&i=fashion-womens&page=4&crid=1B7MUF
##      User-agent: Student's Demo Educational
##      robots.txt: 94 rules are defined for 4 bots
##      Crawl delay: 5 sec
##      The path is scrapable for this user-agent

session_page <- scrape(session4)

dress4_names <- scrape(session4)%>%
html_nodes("h2.a-size-mini.a-spacing-none.a-color-base.s-line-clamp-2") %>%
html_text()

dress4_names[2:26]

## [1] "Women's Parade Pucker Novelty Dress  "
## [2] "Women's Vest_arkan Casual Dress  "
## [3] "Women's Sneaker Dress  "
## [4] "Womens Summer Casual Dress Loose Batwing Sleeve Crew Neck Chiffon Cape Elegant Midi Cocktail P
## [5] "Women's Flutter Sleeve V-Neck Wrap Midi Dress  "
## [6] "Women's Lace Sleeve Top Chiffon Blouses Shirts  "
## [7] "Women Summer Maxi Dresses Casual Short Sleeve Loose Dress with Pockets  "
## [8] "Women's Sneaker Dress  "
## [9] "Desigual 21SWVW529019 Women's Casual Dress  "
## [10] "Women's Azami Strappy Midi Dress  "
## [11] "Casual Dresses for Women Sleeveless Cotton Summer Beach Dress A Line Spaghetti Strap Sundresses
## [12] "Islamic Dress for Women Prayer Clothes for Muslim Women 2 Piece Set Maxi Skirt with Hijab and I
## [13] "Women's Vest_Kameron Casual Dress  "
## [14] "Women's Tweed Shift Dress with Pockets  "
## [15] "Women's Long Beaded Blouson Gown  "
## [16] "Women's Crepe Tiered Maxi Dress  "
## [17] "Mira Owen 09WF0234122 Women's A-Line Dress with Balloon Sleeves  "
## [18] "Women's Long Shift Dress Illusion Neckline (Petite and Regular)  "
## [19] "S.L. Fashions  "
## [20] "Women's Yarn Dye 3/4 Sleeve Tiered Midi Dress  "
## [21] "Women's Knot Front Midi Dress  "
## [22] "Women's 2023 Casual Summer Crew Neck Short Puff Sleeve Smocked High Waist Ruffle Tiered A Line
## [23] "Women's Scuba Crepe Cold Shoulder Dress  "
## [24] "Women's Elbow Length Sleeve Print Tiered Maxi  "
## [25] "Women's Casual A-Line Print Square Puff Sleeve Dress Hem High Waist Midi Fitted Dress Work Dre

dress4_prices <- scrape(session4)%>%
html_nodes("span.a-price") %>%
html_text()

```

```
dress4_prices[2:26]
```

```
## [1] "$89.53$89.53" "$54.77$54.77" "$101.01$101.01" "$89.61$89.61"
## [5] "$95.00$95.00" "$85.35$85.35" "$197.91$197.91" "$382.32$382.32"
## [9] "$126.84$126.84" "$272.98$272.98" "$87.93$87.93" "$128.24$128.24"
## [13] "$38.74$38.74" "$67.14$67.14" "$163.53$163.53" "$154.19$154.19"
## [17] "$440.03$440.03" "$116.77$116.77" "$94.50$94.50" "$65.35$65.35"
## [21] "$82.55$82.55" NA NA NA
## [25] NA
```

```
dress4_ratings <- scrape(session4)%>%
  html_nodes("a.a-popover-trigger.a-declarative") %>%
  html_text()
```

```
dress4_ratings[2:26]
```

```
## [1] "3.9 out of 5 stars" "5.0 out of 5 stars" "4.1 out of 5 stars"
## [4] "3.9 out of 5 stars" "4.0 out of 5 stars" "4.2 out of 5 stars"
## [7] "4.1 out of 5 stars" "4.3 out of 5 stars" "4.6 out of 5 stars"
## [10] "4.5 out of 5 stars" "4.1 out of 5 stars" "4.3 out of 5 stars"
## [13] "3.6 out of 5 stars" "4.4 out of 5 stars" "4.3 out of 5 stars"
## [16] "4.3 out of 5 stars" "3.8 out of 5 stars" "2.0 out of 5 stars"
## [19] "4.4 out of 5 stars" "4.4 out of 5 stars" "1.0 out of 5 stars"
## [22] "3.9 out of 5 stars" "4.3 out of 5 stars" "4.3 out of 5 stars"
## [25] "3.8 out of 5 stars"
```

```
dress4_num_reviews <-scrape(session4) %>%
  html_nodes("span.a-size-base.s-underline-text") %>%
  html_text()
```

```
dress4_num_reviews[2:26]
```

```
## [1] "2" "13" "30" "352" "117" "1,016" "3,739" "451"
## [9] "2" "60" "19,861" "10" "137" "40" "229" "6"
## [17] "1" "500" "319" "1" "134" "982" "46" "79"
## [25] "80"
```

```
dress4_product <- data.frame(Dress_names =dress4_names[2:26],
                             Dress_price= dress4_prices[2:26],
                             Dress_ratings = dress4_ratings[2:26],
                             Dress_reviews= dress4_num_reviews[2:26])
```

```
dress4_product
```

```
##
## 1
## 2
## 3
## 4 Womens Summer Casual Dress Loose Batwing Sleeve Crew Neck Chiffon Cape Elegant Midi Cocktail Penc
## 5
## 6
## 7 Women Summer Maxi Dress
## 8
## 9
## 10
## 11 Casual Dresses for Women Sleeveless Cotton Summer Beach Dress
## 12 Islamic Dress for Women Prayer Clothes for Muslim Women 2 Piece Set
```

```
## 13
## 14
## 15
## 16
## 17
## 18
## 19
## 20
## 21
## 22
## 23
## 24
## 25
```

Mira Owen 09WF
Women's Long S

Women's 2023 Casual Summer Crew Neck Short Puff Sleeve S

Women's Casual A-Line Print Square Puff Sleeve I

	Dress_price	Dress_ratings	Dress_reviews
## 1	\$89.53\$89.53	3.9 out of 5 stars	2
## 2	\$54.77\$54.77	5.0 out of 5 stars	13
## 3	\$101.01\$101.01	4.1 out of 5 stars	30
## 4	\$89.61\$89.61	3.9 out of 5 stars	352
## 5	\$95.00\$95.00	4.0 out of 5 stars	117
## 6	\$85.35\$85.35	4.2 out of 5 stars	1,016
## 7	\$197.91\$197.91	4.1 out of 5 stars	3,739
## 8	\$382.32\$382.32	4.3 out of 5 stars	451
## 9	\$126.84\$126.84	4.6 out of 5 stars	2
## 10	\$272.98\$272.98	4.5 out of 5 stars	60
## 11	\$87.93\$87.93	4.1 out of 5 stars	19,861
## 12	\$128.24\$128.24	4.3 out of 5 stars	10
## 13	\$38.74\$38.74	3.6 out of 5 stars	137
## 14	\$67.14\$67.14	4.4 out of 5 stars	40
## 15	\$163.53\$163.53	4.3 out of 5 stars	229
## 16	\$154.19\$154.19	4.3 out of 5 stars	6
## 17	\$440.03\$440.03	3.8 out of 5 stars	1
## 18	\$116.77\$116.77	2.0 out of 5 stars	500
## 19	\$94.50\$94.50	4.4 out of 5 stars	319
## 20	\$65.35\$65.35	4.4 out of 5 stars	1
## 21	\$82.55\$82.55	1.0 out of 5 stars	134
## 22	<NA>	3.9 out of 5 stars	982
## 23	<NA>	4.3 out of 5 stars	46
## 24	<NA>	4.3 out of 5 stars	79
## 25	<NA>	3.8 out of 5 stars	80

```
write.csv(dress4_product,"dress4_product.csv")
```

```
dress_product_bind <- rbind(dress1_product,dress2_product,dress3_product,dress4_product)
dress_product_bind
```

```
##
## 1
## 2
## 3
## 4
## 5
## 6
## 7
## 8
## 9
```

Women's V-I

Women Muslim Dress Ramadan O
Women's 2023 Summe

## 10		Women's
## 11		
## 12		
## 13		Women's Long Sl
## 14		Women Ruffle Mini Dress Bodyc
## 15		Satin Silk Backless Tube Tops Maxi Dress
## 16		
## 17		
## 18		
## 19		Women Muslim One-Piece Full Cover
## 20		
## 21		Women's 2023 Summer Boho Sp
## 22		
## 23	Women's Knee-Length Beach Dress Long Sleeves Swing Tunic Casual Dresses Summer Loose Dress Floral	
## 24		
## 25		Women Casual Summer Short Ruffles Tiered Slee
## 26		
## 27		
## 28		Womens Puff Sleeve Square Neck
## 29		Womens Dresses V-Neck
## 30		
## 31		Women's Summer Squa
## 32		FTCayanz Damen Tunika
## 33		Women Y2k Floral Sheer Mesh Long Dress S
## 34		
## 35		
## 36		
## 37		
## 38		
## 39		
## 40		
## 41		
## 42		
## 43		
## 44		
## 45		Women's Flower Embroid
## 46		Wome
## 47		
## 48		Denim Dress for Women
## 49		
## 50		
## 51		
## 52		
## 53		
## 54		
## 55		
## 56		
## 57		Women Summer Tie Straps Split Midi Dress W
## 58		Women's Summ
## 59		Kaftan Dress - Caftans for Wor
## 60		
## 61		Women's
## 62		
## 63		Women's 2023 Summer Cas

## 64	
## 65	Women's Casual Boho Flo
## 66	Women's Sexy Bodycon Tank T
## 67	Women's l
## 68	
## 69	Women Sexy Backless Draped Maxi Dress EL
## 70	Wor
## 71	
## 72	Women's Long-Sleeved Mini Dress Checked Dress Turtleneck Knitted Dress A
## 73	Women's 2023 Summer Boho Sp
## 74	Women Bohemian Embroidered Floral Dress 20
## 75	
## 76	
## 77	
## 78	
## 79	Womens Summer Casual Dress Loose Batwing Sleeve Crew Neck Chiffon Cape E
## 80	
## 81	
## 82	
## 83	
## 84	
## 85	
## 86	Casual Dresses for Women Sleeveless
## 87	Islamic Dress for Women Prayer Clothes f
## 88	
## 89	
## 90	
## 91	
## 92	
## 93	
## 94	
## 95	
## 96	
## 97	Women's 2023 Casual Summer Crew
## 98	
## 99	
## 100	Women's Casual A-Line l
##	Dress_price Dress_ratings Dress_reviews
## 1	\$103.23\$103.23 4.2 out of 5 stars 3,332
## 2	\$90.32\$90.32 4.4 out of 5 stars 386
## 3	\$40.84\$40.84 4.2 out of 5 stars 28,898
## 4	\$94.67\$94.67 4.4 out of 5 stars 175
## 5	\$274.53\$274.53 4.5 out of 5 stars 3
## 6	\$56.27\$56.27 5.0 out of 5 stars 19
## 7	\$88.24\$88.24 4.1 out of 5 stars 40
## 8	\$87.65\$87.65 4.1 out of 5 stars 79
## 9	\$67.01\$67.01 4.3 out of 5 stars 1,733
## 10	\$115.82\$115.82 4.2 out of 5 stars 5,852
## 11	\$84.51\$84.51 3.7 out of 5 stars 3,653
## 12	\$56.57\$56.57 4.5 out of 5 stars 534
## 13	\$91.14\$91.14 3.9 out of 5 stars 2
## 14	\$277.08\$277.08 4.5 out of 5 stars 230
## 15	<NA> 3.5 out of 5 stars 675
## 16	<NA> 4.3 out of 5 stars 76

## 17	<NA>	4.0 out of 5 stars	4
## 18	<NA>	4.5 out of 5 stars	415
## 19	<NA>	4.0 out of 5 stars	30
## 20	<NA>	4.3 out of 5 stars	24
## 21	<NA>	4.3 out of 5 stars	5,512
## 22	<NA>	4.3 out of 5 stars	892
## 23	<NA>	4.3 out of 5 stars	170
## 24	<NA>	4.5 out of 5 stars	591
## 25	<NA>	4.2 out of 5 stars	99
## 26	\$92.50	\$92.50 4.3 out of 5 stars	240
## 27	\$82.18	\$82.18 4.0 out of 5 stars	56
## 28	\$107.57	\$107.57 4.6 out of 5 stars	14
## 29	\$145.85	\$145.85 3.8 out of 5 stars	17,507
## 30	\$108.09	\$108.09 3.9 out of 5 stars	43,932
## 31	\$161.32	\$161.32 4.2 out of 5 stars	389
## 32	\$140.58	\$140.58 4.2 out of 5 stars	131
## 33	\$99.03	\$99.03 4.2 out of 5 stars	43
## 34	\$332.32	\$332.32 4.7 out of 5 stars	1
## 35	\$73.75	\$73.75 5.0 out of 5 stars	110
## 36	\$76.02	\$76.02 4.5 out of 5 stars	741
## 37	\$135.28	\$135.28 4.2 out of 5 stars	35
## 38	\$90.67	\$90.67 4.7 out of 5 stars	109
## 39	\$66.13	\$66.13 4.3 out of 5 stars	3
## 40	\$67.07	\$67.07 5.0 out of 5 stars	16
## 41	<NA>	4.4 out of 5 stars	198
## 42	<NA>	4.3 out of 5 stars	493
## 43	<NA>	4.3 out of 5 stars	282
## 44	<NA>	4.6 out of 5 stars	218
## 45	<NA>	3.8 out of 5 stars	1,028
## 46	<NA>	4.3 out of 5 stars	148
## 47	<NA>	4.5 out of 5 stars	166
## 48	<NA>	3.9 out of 5 stars	1,381
## 49	<NA>	4.2 out of 5 stars	7
## 50	<NA>	3.8 out of 5 stars	1,994
## 51	\$152.29	\$152.29 5.0 out of 5 stars	52
## 52	\$90.67	\$90.67 4.4 out of 5 stars	132
## 53	\$66.13	\$66.13 4.3 out of 5 stars	205
## 54	\$67.07	\$67.07 4.3 out of 5 stars	2
## 55	\$98.65	\$98.65 5.0 out of 5 stars	178
## 56	\$139.85	\$139.85 3.7 out of 5 stars	1,119
## 57	\$110.87	\$110.87 4.3 out of 5 stars	2,133
## 58	\$82.33	\$82.33 4.2 out of 5 stars	19
## 59	\$100.06	\$100.06 4.2 out of 5 stars	700
## 60	\$67.82	\$67.82 4.0 out of 5 stars	387
## 61	\$229.60	\$229.60 3.9 out of 5 stars	15
## 62	\$77.39	\$77.39 4.6 out of 5 stars	380
## 63	\$143.28	\$143.28 4.4 out of 5 stars	9,762
## 64	\$91.96	\$91.96 4.2 out of 5 stars	174
## 65	\$128.08	\$128.08 4.0 out of 5 stars	230
## 66	\$63.94	\$63.94 3.6 out of 5 stars	21,312
## 67	\$101.34	\$101.34 4.2 out of 5 stars	502
## 68	\$122.93	\$122.93 4.3 out of 5 stars	985
## 69	\$109.62	\$109.62 4.0 out of 5 stars	838
## 70	<NA>	4.3 out of 5 stars	26

## 71	<NA>	3.7 out of 5 stars	52
## 72	<NA>	4.3 out of 5 stars	115
## 73	<NA>	3.3 out of 5 stars	10
## 74	<NA>	4.0 out of 5 stars	29
## 75	<NA>	2.9 out of 5 stars	4,839
## 76	\$89.53	\$89.53 3.9 out of 5 stars	2
## 77	\$54.77	\$54.77 5.0 out of 5 stars	13
## 78	\$101.01	\$101.01 4.1 out of 5 stars	30
## 79	\$89.61	\$89.61 3.9 out of 5 stars	352
## 80	\$95.00	\$95.00 4.0 out of 5 stars	117
## 81	\$85.35	\$85.35 4.2 out of 5 stars	1,016
## 82	\$197.91	\$197.91 4.1 out of 5 stars	3,739
## 83	\$382.32	\$382.32 4.3 out of 5 stars	451
## 84	\$126.84	\$126.84 4.6 out of 5 stars	2
## 85	\$272.98	\$272.98 4.5 out of 5 stars	60
## 86	\$87.93	\$87.93 4.1 out of 5 stars	19,861
## 87	\$128.24	\$128.24 4.3 out of 5 stars	10
## 88	\$38.74	\$38.74 3.6 out of 5 stars	137
## 89	\$67.14	\$67.14 4.4 out of 5 stars	40
## 90	\$163.53	\$163.53 4.3 out of 5 stars	229
## 91	\$154.19	\$154.19 4.3 out of 5 stars	6
## 92	\$440.03	\$440.03 3.8 out of 5 stars	1
## 93	\$116.77	\$116.77 2.0 out of 5 stars	500
## 94	\$94.50	\$94.50 4.4 out of 5 stars	319
## 95	\$65.35	\$65.35 4.4 out of 5 stars	1
## 96	\$82.55	\$82.55 1.0 out of 5 stars	134
## 97	<NA>	3.9 out of 5 stars	982
## 98	<NA>	4.3 out of 5 stars	46
## 99	<NA>	4.3 out of 5 stars	79
## 100	<NA>	3.8 out of 5 stars	80

```
kableExtra::kable(dress_product_bind,caption = "DRESS PRODUCTS FROM AMAZON AUSTRALIA",output_document =
kable_styling(bootstrap_options = "striped",latex_options="scale_down",full_width = F)
```

```
#DRESS_REVIEWS
```

```
dress_link1<- 'https://www.amazon.com.au/ZESICA-Womens-Flutter-Smocked-Elastic/product-reviews/B09VFXK
session5 <- bow(dress_link1,
               user_agent = "Student's Demo Educational")
session5
```

```
## <polite session> https://www.amazon.com.au/ZESICA-Womens-Flutter-Smocked-Elastic/product-reviews/B09
## User-agent: Student's Demo Educational
## robots.txt: 94 rules are defined for 4 bots
## Crawl delay: 5 sec
## The path is scrapable for this user-agent
```

```
session_page <- scrape(session5)

dress1_reviewer_names <- scrape(session5)%>%
html_nodes("span.a-profile-name") %>%
html_text()

dress1_reviewer_names[1:10]
```


Table 1: DRESS PRODUCTS FROM AMAZON AUSTRALIA

Dress_names	Dress_price	Dress_ratings	Dress_reviews
Women's Easy Classic Short Sleeve Stretch Cotton Polo Dress	\$103.23\$103.23	4.2 out of 5 stars	3,332
Women's V-Neck Half Sleeve Shirt Dress Elegant Summer Casual Plain Short Dress S-XXL	\$90.32\$90.32	4.4 out of 5 stars	386
Women's Summer Striped Short Sleeve T Shirt Dress Casual Tie Waist with	\$40.84\$40.84	4.2 out of 5 stars	28,898
T-Shirt Short Sleeve Cotton Summer Dresses for Women	\$94.67\$94.67	4.4 out of 5 stars	175
PWCO234298 Women's Bear Pattern Dress	\$274.53\$274.53	4.5 out of 5 stars	3
Women's Everyday Soft Casual Sneaker Dress	\$56.27\$56.27	5.0 out of 5 stars	19
Tommy Hilfiger Women's Tiered Stripe Midi Dress	\$88.24\$88.24	4.1 out of 5 stars	40
Women Muslim Dress Ramadan One Piece Prayer Garment Hijab Abaya Dubai Islam Robe African Turkey Caftan	\$87.65\$87.65	4.1 out of 5 stars	79
Women's 2023 Summer Puff Sleeve Smocked Floral Dress Crewneck Lace Flowy Tiered Midi Dresses	\$67.01\$67.01	4.3 out of 5 stars	1,733
Women's Elegant High Split Flare Sleeve Formal Evening Gowns Maxi Dress with Cape	\$115.82\$115.82	4.2 out of 5 stars	5,852
Women's Breton Stripes Sleeveless V-Neck Stretch Cotton Polo Dress	\$84.51\$84.51	3.7 out of 5 stars	3,653
Short Sleeve Round Neck Women's Maxi Dress Pleated Plain Belt Dress	\$56.57\$56.57	4.5 out of 5 stars	534
Women's Long Sleeveless Cascade Ruffle Detail Dress with Front Slit, Wedgewood Sleeve, 10	\$91.14\$91.14	3.9 out of 5 stars	2
Women Ruffle Mini Dress Bodycon Square Halter Neck Smocked Short Dress Lace Up Ruched Party Y2k Dresses	\$277.08\$277.08	4.5 out of 5 stars	230
Satin Silk Backless Tube Tops Maxi Dress for Women Low Back Hollow Out Elegant Strapless Long Dresses Wedding Guest	NA	3.5 out of 5 stars	675
Tommy Hilfiger Women's Short Sleeve Essential Everyday Dress	NA	4.3 out of 5 stars	76
Women's	NA	4.0 out of 5 stars	4
Indian Women's Mustard Poly Silk Ethnic Dress	NA	4.5 out of 5 stars	415
Women Muslim One-Piece Full Cover Long Dress - Loose Hooded Dress Abaya Prayer Robe Islamic Clothes One-Size	NA	4.0 out of 5 stars	30
Women's Vest _Dalia Casual Dress	NA	4.3 out of 5 stars	24
Women's 2023 Summer Boho Spaghetti Strap Square Neck Solid Color Ruffle A Line Beach Long Maxi Dress	NA	4.3 out of 5 stars	5,512
Women's	NA	4.3 out of 5 stars	892
Women's Knee-Length Beach Dress Long Sleeves Swing Tunic Casual Dresses Summer Loose Dress Floral Print V-Neck Beach Dress Mini Dress Sexy Elegant Boho Women Blouse Dress	NA	4.3 out of 5 stars	170
Women's Short Sleeve Collared Polo Dress	NA	4.5 out of 5 stars	501
Women Casual Summer Short Ruffles Tiered Sleeve Smocked Midi Dresses Bohemian Floral V Neck Wedding Guest Long Dresses	NA	4.2 out of 5 stars	99
Alex Evenings	\$92.50\$92.50	4.3 out of 5 stars	240
Women's	\$82.18\$82.18	4.0 out of 5 stars	56
Womens Puff Sleeve Square Neck Puffy Dress Babydoll Mesh Mini Dress High Rise Flare Organza Party Dress	\$107.57\$107.57	4.6 out of 5 stars	14
Womens Dresses V-Neck Spaghetti Strap Bowknotted Backless Sleeveless Lace Mini Swing Skater Dress	\$145.85\$145.85	3.8 out of 5 stars	17,507
Women's Summer Beach A Line Dress Casual Flared Sleeveless Tank Dresses	\$108.09\$108.09	3.9 out of 5 stars	43,932
Women's Summer Square Neck Puff Sleeve Boho Midi Dress Swiss Dot Ruffle Flowy Tie Back Dress	\$161.32\$161.32	4.2 out of 5 stars	389
FTCayanz Damen Tunika Kleider Sommer Kurzarm Leinenkleider Boho Lang Sommerkleider Große Größen	\$140.58\$140.58	4.2 out of 5 stars	131
Women Y2k Floral Sheer Mesh Long Dress See Through Spaghetti Strap Maxi Dress Bodycon Tulle Cami Dress Beach Wear	\$99.03\$99.03	4.2 out of 5 stars	43
Women's Patterned Sleeveless Fit & Flare Dress	\$332.32\$332.32	4.7 out of 5 stars	1
Women's Vest _Seneca Dress	\$73.75\$73.75	5.0 out of 5 stars	110
Women's	\$76.02\$76.02	4.5 out of 5 stars	741
Women's Beaded Chiffon Jacket Dress	\$135.28\$135.28	4.2 out of 5 stars	35
Women's Sportswear Funnel Neck Sweatshirt Dress	\$90.67\$90.67	4.7 out of 5 stars	109
Women's Matelasse Column Gown	\$66.13\$66.13	4.3 out of 5 stars	3
Women's Stretchy T-Shirt Dress	\$67.07\$67.07	5.0 out of 5 stars	16
Women's Embellished Plunging Gown Sleeveless Floral	NA	4.4 out of 5 stars	198
Women's Short Sleeve Princess Seamed Sheath Dress	NA	4.3 out of 5 stars	493
Women's 3/4 Sleeve Button Down Denim Shirt Dress	NA	4.3 out of 5 stars	282
Women's Tulip Sleeved Seamed Sheath	NA	4.6 out of 5 stars	218
Women's Flower Embroidered Maxi Dress Lantern Sleeve Square Neck Tiered Flowy Spring Fall Dress	NA	3.8 out of 5 stars	1,028
Women's Floral Dress Low-Cut Square Neck Spaghetti Strap Tie Bodycon Dresses	NA	4.3 out of 5 stars	148
Women's T-Shirt Dress	NA	4.5 out of 5 stars	166
Denim Dress for Women Button Down Long Jean Shirt Vacation Dresses Babydoll Tiered Casual Summer	NA	3.9 out of 5 stars	1,381
ZESICA	NA	4.2 out of 5 stars	7
Women's Side Waist Tie Fit and Flare Dress	NA	3.8 out of 5 stars	1,994
Women's Patterned	\$152.29\$152.29	5.0 out of 5 stars	52
Tie Waist Summer, Button-Down Shirt Dress for Women	\$90.67\$90.67	4.4 out of 5 stars	132
Women's Vest _LAS Vegas Casual Dress	\$66.13\$66.13	4.3 out of 5 stars	205
All Gender Pleated Rib Dress	\$67.07\$67.07	4.3 out of 5 stars	2
Sharagano	\$98.65\$98.65	5.0 out of 5 stars	178
Women's Dress	\$139.85\$139.85	3.7 out of 5 stars	1,119
Women Summer Tie Straps Split Midi Dress Wrap Solid Floral Print Sleeveless Ruffle Casual Vintage A Line Beach Dress	\$110.87\$110.87	4.3 out of 5 stars	2,133
Women's Summer Dress Square Neck Short Sleeves Crossover Waist Casual Party Mini Dress	\$82.33\$82.33	4.2 out of 5 stars	19
Kaftan Dress - Caftans for Women - Women's Caftans Suiting Teens to Adult Women in Regular to Plus Size	\$109.06\$109.06	4.2 out of 5 stars	700
Women's	\$67.82\$67.82	4.0 out of 5 stars	387
Women's Casual Bohemian Print Tie Long Sleeve Beach Style Long Midi Holiday Dress	\$229.60\$229.60	3.9 out of 5 stars	15
Desigual 21SWV5290 Women's Casual Dress	\$77.39\$77.39	4.2 out of 5 stars	381
Women's 2023 Summer Casual Sleeveless Crew Neck Smocked High Waist Flowy Tiered A Line Midi Dress	\$143.28\$143.28	4.4 out of 5 stars	9,762
Women's Shift Dress	\$91.96\$91.96	4.2 out of 5 stars	174
Women's Casual Boho Floral Print V-Neck Short Sleeve Button Down High Waist Mini Dress Work Dress	\$128.08\$128.08	4.0 out of 5 stars	230
Women's Sexy Bodycon Tank Top Dress Sleeveless Backless Basic Ruched Stretchy Party Club Midi Dresses	\$63.94\$63.94	3.6 out of 5 stars	21,312
Women's Beach Swimsuit Coversups White Chiffon Bikini Swimwear Cover Up Shirt Dress	\$101.34\$101.34	4.2 out of 5 stars	502
Women's Audrey Spaghetti Strap Midi A-line 3D Floral Dress	\$122.93\$122.93	4.3 out of 5 stars	985
Women Sexy Backless Draped Maxi Dress Elegant Sleeveless Spaghetti Strap Evening Dress Long Club Party Beach Dress	\$109.62\$109.62	4.0 out of 5 stars	838
Women's Summer Maxi Dress Casual Loose Pockets Long Dress Short Sleeve Split	NA	4.3 out of 5 stars	26
Women's 2 Piece Mesh Panel Beaded Neck Jacket Dress	NA	3.7 out of 5 stars	52
Women's Long-Sleeved Mini Dress Checked Dress Turtleneck Knitted Dress A-line Sweater Autumn Dress Loose Dresses Pullover Dress for Winter Autumn	NA	4.3 out of 5 stars	115
Women's 2023 Summer Boho Spaghetti Strap Square Neck Solid Color Ruffle A Line Beach Long Maxi Dress	NA	3.3 out of 5 stars	10
Women Bohemian Embroidered Floral Dress 2023 Casual Puff Long Sleeve Maxi Dresses Boho Flowy Ruffle Fall Midi Dress	NA	4.0 out of 5 stars	29
Women's Casual Day Dress	NA	2.9 out of 5 stars	4,839
Women's Parade Pucker Novelty Dress	\$89.53\$89.53	3.9 out of 5 stars	2
Women's Vest _arkan Casual Dress	\$54.77\$54.77	5.0 out of 5 stars	13
Women's Sinsaker Dress	\$101.01\$101.01	4.1 out of 5 stars	30
Womens Summer Casual Dress Loose Batwing Sleeve Crew Neck Chiffon Cape Elegant Midi Cocktail Pencil Dresses for Women UK for Funeral Party Wedding	\$89.61\$89.61	3.9 out of 5 stars	352
Women's Flutter Sleeve V-Neck Wrap Midi Dress	\$95.00\$95.00	4.0 out of 5 stars	117
Women's Lace Sleeve Top Chiffon Blouses Shirts	\$85.35\$85.35	4.2 out of 5 stars	1,016
Women Summer Maxi Dresses Casual Short Sleeve Loose Dress with Pockets	\$197.91\$197.91	4.1 out of 5 stars	3,739
Women's Sinsaker Dress	\$382.32\$382.32	4.3 out of 5 stars	451
Desigual 21SWVW529019 Women's Casual Dress	\$126.84\$126.84	4.6 out of 5 stars	2
Women's Azami Strappy Midi Dress	\$272.98\$272.98	4.5 out of 5 stars	60
Casual Dresses for Women Sleeveless Cotton Summer Beach Dress A Line Spaghetti Strap Sundresses with Pockets	\$87.93\$87.93	4.1 out of 5 stars	19,861
Islamic Dress for Women Prayer Clothes for Muslim Women 2 Piece Set Maxi Skirt with Hijab and Rosary Printed Dress	\$128.24\$128.24	4.3 out of 5 stars	10
Women's Vest _Kameron Casual Dress	\$38.74\$38.74	3.6 out of 5 stars	137
Women's Tweed Shift Dress with Pockets	\$67.14\$67.14	4.4 out of 5 stars	40
Women's Long Beaded Blouson Gown	\$163.53\$163.53	4.3 out of 5 stars	229
Women's Crepe Tiered Maxi Dress	\$154.19\$154.19	4.3 out of 5 stars	6
Mira Owen 09WFO234122 Women's A-Line Dress with Balloon Sleeves	\$440.03\$440.03	3.8 out of 5 stars	1
Women's Long Shift Dress Illusion Neckline (Petite and Regular)	\$116.77\$116.77	2.0 out of 5 stars	500
S.L. Fashions	\$94.50\$94.50	4.4 out of 5 stars	319
Women's Yarn Dye 3/4 Sleeve Tiered Midi Dress	\$65.35\$65.35	4.4 out of 5 stars	1
Women's Knot Front Midi Dress	\$82.55\$82.55	1.0 out of 5 stars	134
Women's 2023 Casual Summer Crew Neck Short Puff Sleeve Smocked High Waist Ruffle Tiered A Line Midi Dress	NA	3.9 out of 5 stars	982
Women's Scotho Crepe Cold Shoulder Dress	NA	4.3 out of 5 stars	46
Women's Elbow Length Sleeve Print Tiered Maxi	NA	4.3 out of 5 stars	79
Women's Casual A-Line Print Square Puff Sleeve Dress Hem High Waist Midi Fitted Dress Work Dress	NA	3.8 out of 5 stars	80

```
## [1] "kk.ausbooks"      "Amazon Customer" "Tam"              "DianaWithAnA"
## [5] "DianaWithAnA"     "Kathy OHara"     "Renee"            "Renee"
## [9] "Laura"            "Angeles"
```

```
date1_review <- scrape(session5)%>%
html_nodes("span.a-size-base.a-color-secondary.review-date") %>%
html_text()
```

```
date1_review[1:10]
```

```
## [1] "Reviewed in Australia on 29 January 2024"
## [2] "Reviewed in Australia on 23 March 2023"
## [3] "Reviewed in the United States on 22 May 2022"
## [4] "Reviewed in the United States on 28 August 2022"
## [5] "Reviewed in the United Kingdom on 7 October 2022"
## [6] "Reviewed in the United States on 22 May 2022"
## [7] "Reviewed in the United States on 27 July 2022"
## [8] "Reviewed in Mexico on 27 June 2022"
## [9] "Reviewed in the United States on 25 May 2022"
## [10] "Reviewed in the United States on 20 February 2024"
```

```
dress1_rev_ratings <- scrape(session5)%>%
html_nodes("span.a-icon-alt") %>%
html_text()
```

```
dress1_rev_ratings[1:10]
```

```
## [1] "4.2 out of 5 stars" "5.0 out of 5 stars" "3.0 out of 5 stars"
## [4] "5.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [7] "1.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [10] "5.0 out of 5 stars"
```

```
dress1_rev_comment <-scrape(session5) %>%
  html_nodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bold") %>%
  html_text()
```

```
dress1_rev_comment[1:10]
```

```
## [1] "\n\n\n\n\n\n\n\n \n \n Perfect dress\n \n"
## [2] "\n\n\n\n\n\n\n\n \n \n Perfect for staying cool while maintaining modesty!\n \n"
## [3] "\n\n\n\n\n\n\n\n \n \n Poor quality, badly made, didn't look like model was wearing the s
## [4] "\n\n\n\n\n\n\n\n \n \n True to size & easy to wear\n \n"
## [5] "\n\n\n\n\n\n\n\n \n \n Great dress for summer\n \n"
## [6] "\n\n\n\n\n\n\n\n \n Vestido de buena calidad\n \n \n"
## [7] "\n\n\n\n\n\n\n\n \n \n caution when washing\n \n"
## [8] "\n\n\n\n\n\n\n\n \n \n Cute, comfortable, and flattering!!!\n \n"
## [9] NA
## [10] NA
```

```
dress1_review <- data.frame(REVIEWERS_NAME =dress1_reviewer_names[1:10],
                           DATE_REVIEW= date1_review[1:10],
                           DRESS_RATE =dress1_rev_ratings[1:10],
                           REVIEWERS_COMMENT= dress1_rev_comment [1:10])
dress1_review
```

```
## REVIEWERS_NAME DATE_REVIEW
## 1 kk.ausbooks Reviewed in Australia on 29 January 2024
```

```
## 2 Amazon Customer Reviewed in Australia on 23 March 2023
## 3 Tam Reviewed in the United States on 22 May 2022
## 4 DianaWithAnA Reviewed in the United States on 28 August 2022
## 5 DianaWithAnA Reviewed in the United Kingdom on 7 October 2022
## 6 Kathy OHara Reviewed in the United States on 22 May 2022
## 7 Renee Reviewed in the United States on 27 July 2022
## 8 Renee Reviewed in Mexico on 27 June 2022
## 9 Laura Reviewed in the United States on 25 May 2022
## 10 Angeles Reviewed in the United States on 20 February 2024
```

```
## DRESS_RATE
```

```
## 1 4.2 out of 5 stars
## 2 5.0 out of 5 stars
## 3 3.0 out of 5 stars
## 4 5.0 out of 5 stars
## 5 5.0 out of 5 stars
## 6 5.0 out of 5 stars
## 7 1.0 out of 5 stars
## 8 5.0 out of 5 stars
## 9 5.0 out of 5 stars
## 10 5.0 out of 5 stars
```

```
##
## 1 \n\n\n\n\n\n\n\n \n \n Perfect
## 2 \n\n\n\n\n\n\n\n \n \n Perfect for staying cool while maintaining mo
## 3 \n\n\n\n\n\n\n\n \n \n Poor quality, badly made, didn't look like model was wearing the same
## 4 \n\n\n\n\n\n\n\n \n \n True to size & easy to
## 5 \n\n\n\n\n\n\n\n \n \n Great dress for s
## 6 \n\n\n\n\n\n\n\n \n Vestido de buena calidad
## 7 \n\n\n\n\n\n\n\n \n \n caution when w
## 8 \n\n\n\n\n\n\n\n \n \n Cute, comfortable, and flattering
## 9
## 10
```

```
dress_link1.2<- 'https://www.amazon.com.au/ZESICA-Womens-Flutter-Smocked-Elastic/product-reviews/B09VFX
session6 <- bow(dress_link1.2,
               user_agent = "Student's Demo Educational")
session6
```

```
## <polite session> https://www.amazon.com.au/ZESICA-Womens-Flutter-Smocked-Elastic/product-reviews/B09VFX
## User-agent: Student's Demo Educational
## robots.txt: 94 rules are defined for 4 bots
## Crawl delay: 5 sec
## The path is scrapable for this user-agent
```

```
session_page <- scrape(session6)

dress1_reviewer_names <- scrape(session6)%>%
  html_nodes("span.a-profile-name") %>%
  html_text()

dress1_reviewer_names[1:10]
```

```
## [1] "Nick Pendergast" "Edwin F."
## [3] "Edwin F." "Mom of Kids and Farm Animals"
## [5] "Mom of Kids and Farm Animals" "Amazon Customer"
## [7] "Thomas/Karine" "Lauren King"
```

```

## [9] "Amazon customer"                "jmumv"

date1_review <- scrape(session6)%>%
html_nodes("span.a-size-base.a-color-secondary.review-date") %>%
html_text()

date1_review[1:10]

## [1] "Reviewed in the United States on 31 October 2022"
## [2] "Reviewed in the United States on 13 May 2022"
## [3] "Reviewed in the United States on 5 May 2022"
## [4] "Reviewed in the United States on 1 September 2022"
## [5] "Reviewed in Canada on 9 June 2023"
## [6] "Reviewed in the United States on 6 July 2022"
## [7] "Reviewed in the United States on 13 January 2023"
## [8] "Reviewed in the United States on 25 February 2023"
## [9] "Reviewed in the United States on 28 April 2023"
## [10] "Reviewed in the United States on 21 June 2022"

dress1_rev_ratings <- scrape(session6)%>%
html_nodes("span.a-icon-alt") %>%
html_text()

dress1_rev_ratings[1:10]

## [1] "4.2 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [4] "5.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [7] "5.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [10] "4.0 out of 5 stars"

dress1_rev_comment <-scrape(session6) %>%
  html_nodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bold") %>%
  html_text()

dress1_rev_comment[1:10]

## [1] "\n\n\n\n\n\n\n\n \n \n Love this dress!\n \n"
## [2] "\n\n\n\n\n\n\n\n \n \n Great fit and length\n \n"
## [3] "\n\n\n\n\n\n\n\n \n \n Easy dress\n \n"
## [4] "\n\n\n\n\n\n\n\n \n \n Super flattering\n \n"
## [5] "\n\n\n\n\n\n\n\n \n \n Lovely dress\n \n"
## [6] "\n\n\n\n\n\n\n\n \n \n Tons of compliments\n \n"
## [7] "\n\n\n\n\n\n\n\n \n \n Runs a little small. NICE DETAILS.\n \n"
## [8] "\n\n\n\n\n\n\n\n \n \n Peasant look\n \n"
## [9] "\n\n\n\n\n\n\n\n \n \n Fit and quality\n \n"
## [10] "\n\n\n\n\n\n\n\n \n \n Perfect summer dress\n \n"

dress1.2_review <- data.frame(REVIEWERS_NAME =dress1_reviewer_names[1:10],
                              DATE_REVIEW= date1_review[1:10],
                              DRESS_RATE =dress1_rev_ratings[1:10],
                              REVIEWERS_COMMENT= dress1_rev_comment [1:10])

dress1.2_review

##                REVIEWERS_NAME
## 1                Nick Pendergast
## 2                  Edwin F.
## 3                  Edwin F.

```

```
## 4 Mom of Kids and Farm Animals
## 5 Mom of Kids and Farm Animals
## 6 Amazon Customer
## 7 Thomas/Karine
## 8 Lauren King
## 9 Amazon customer
## 10 jmmuv
##
## DATE_REVIEW DRESS_RATE
## 1 Reviewed in the United States on 31 October 2022 4.2 out of 5 stars
## 2 Reviewed in the United States on 13 May 2022 5.0 out of 5 stars
## 3 Reviewed in the United States on 5 May 2022 5.0 out of 5 stars
## 4 Reviewed in the United States on 1 September 2022 5.0 out of 5 stars
## 5 Reviewed in Canada on 9 June 2023 5.0 out of 5 stars
## 6 Reviewed in the United States on 6 July 2022 5.0 out of 5 stars
## 7 Reviewed in the United States on 13 January 2023 5.0 out of 5 stars
## 8 Reviewed in the United States on 25 February 2023 5.0 out of 5 stars
## 9 Reviewed in the United States on 28 April 2023 5.0 out of 5 stars
## 10 Reviewed in the United States on 21 June 2022 4.0 out of 5 stars
## REVIEWERS_COMMENT
## 1 \n\n\n\n\n\n\n\n \n \n Love this dress!\n \n
## 2 \n\n\n\n\n\n\n\n \n \n Great fit and length\n \n
## 3 \n\n\n\n\n\n\n\n \n \n Easy dress\n \n
## 4 \n\n\n\n\n\n\n\n \n \n Super flattering\n \n
## 5 \n\n\n\n\n\n\n\n \n \n Lovely dress\n \n
## 6 \n\n\n\n\n\n\n\n \n \n Tons of compliments\n \n
## 7 \n\n\n\n\n\n\n\n \n \n Runs a little small. NICE DETAILS.\n \n
## 8 \n\n\n\n\n\n\n\n \n \n Peasant look\n \n
## 9 \n\n\n\n\n\n\n\n \n \n Fit and quality\n \n
## 10 \n\n\n\n\n\n\n\n \n \n Perfect summer dress\n \n
```

```
dress_link2<- 'https://www.amazon.com.au/MEROKEETY-Womens-Summer-Striped-Pockets/product-reviews/B084G'
```

```
session7 <- bow(dress_link2,
  user_agent = "Student's Demo Educational")
session7
```

```
## <polite session> https://www.amazon.com.au/MEROKEETY-Womens-Summer-Striped-Pockets/product-reviews/B
## User-agent: Student's Demo Educational
## robots.txt: 94 rules are defined for 4 bots
## Crawl delay: 5 sec
## The path is scrapable for this user-agent
```

```
session_page <- scrape(session7)

dress2_reviewer_names <- scrape(session7)%>%
html_nodes("span.a-profile-name") %>%
html_text()

dress2_reviewer_names[1:10]
```

```
## [1] "Mona Mohamed" "Amazon Customer"
## [3] "Hartson" "Shelly77"
## [5] "I bought this and . . ." "Lauren Hermann"
## [7] "Jennifer Creech" "Alison L. "
## [9] "Alison L. " "Jane Zdrojewski"
```

```
date2_review <- scrape(session7)%>%
html_nodes("span.a-size-base.a-color-secondary.review-date") %>%
html_text()
```

```
date2_review[1:10]
```

```
## [1] "Reviewed in Australia on 21 January 2024"
## [2] "Reviewed in Australia on 11 January 2024"
## [3] "Reviewed in Australia on 12 December 2023"
## [4] "Reviewed in Australia on 12 April 2023"
## [5] "Reviewed in the United States on 24 March 2023"
## [6] "Reviewed in the United States on 7 June 2021"
## [7] "Reviewed in the United States on 24 December 2021"
## [8] "Reviewed in the United States on 31 January 2022"
## [9] "Reviewed in the United States on 24 April 2021"
## [10] "Reviewed in the United States on 27 December 2022"
```

```
dress2_rev_ratings <- scrape(session7)%>%
html_nodes("span.a-icon-alt") %>%
html_text()
```

```
dress2_rev_ratings[1:10]
```

```
## [1] "4.4 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [4] "3.0 out of 5 stars" "5.0 out of 5 stars" "4.0 out of 5 stars"
## [7] "5.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [10] "5.0 out of 5 stars"
```

```
dress2_rev_comment <-scrape(session7) %>%
  html_nodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bold") %>%
  html_text()
```

```
dress2_rev_comment[1:10]
```

```
## [1] "\n\n\n\n\n\n\n\n \n \n Nice fabric and construction but . . .\n \n"
## [2] "\n\n\n\n\n\n\n\n \n \n Worth the money!\n \n"
## [3] "\n\n\n\n\n\n\n\n \n \n Its so soft and fits perfectly. True to size. I just ordered 4 more
## [4] "\n\n\n\n\n\n\n\n \n \n Order this dress!!!\n \n"
## [5] "\n\n\n\n\n\n\n\n \n \n Great fit and flattering\n \n"
## [6] "\n\n\n\n\n\n\n\n \n \n Simple and cute dress\n \n"
## [7] NA
## [8] NA
## [9] NA
## [10] NA
```

```
dress2.1_review <- data.frame(REVIEWERS_NAME =dress2_reviewer_names[1:10],
                              DATE_REVIEW= date2_review[1:10],
                              DRESS_RATE =dress2_rev_ratings[1:10],
                              REVIEWERS_COMMENT= dress2_rev_comment [1:10])

dress2.1_review
```

```
##          REVIEWERS_NAME          DATE_REVIEW
## 1          Mona Mohamed    Reviewed in Australia on 21 January 2024
## 2      Amazon Customer    Reviewed in Australia on 11 January 2024
## 3              Hartson    Reviewed in Australia on 12 December 2023
## 4          Shelly77      Reviewed in Australia on 12 April 2023
```

```
## 5 I bought this and . . . Reviewed in the United States on 24 March 2023
## 6 Lauren Hermann Reviewed in the United States on 7 June 2021
## 7 Jennifer Creech Reviewed in the United States on 24 December 2021
## 8 Alison L. Reviewed in the United States on 31 January 2022
## 9 Alison L. Reviewed in the United States on 24 April 2021
## 10 Jane Zdrojewski Reviewed in the United States on 27 December 2022
## DRESS_RATE
## 1 4.4 out of 5 stars
## 2 5.0 out of 5 stars
## 3 5.0 out of 5 stars
## 4 3.0 out of 5 stars
## 5 5.0 out of 5 stars
## 6 4.0 out of 5 stars
## 7 5.0 out of 5 stars
## 8 5.0 out of 5 stars
## 9 5.0 out of 5 stars
## 10 5.0 out of 5 stars
##
## 1 \n\n\n\n\n\n\n \n \n Nice fabric and cons
## 2 \n\n\n\n\n\n\n \n \n
## 3 \n\n\n\n\n\n\n \n \n Its so soft and fits perfectly. True to size. I just ordered 4 more in
## 4 \n\n\n\n\n\n\n \n \n 0
## 5 \n\n\n\n\n\n\n \n \n Great
## 6 \n\n\n\n\n\n\n \n \n Simp
## 7
## 8
## 9
## 10
```

```
dress_link2 <- 'https://www.amazon.com.au/MEROKEETY-Womens-Summer-Striped-Pockets/product-reviews/B084
session8 <- bow(dress_link2,
               user_agent = "Student's Demo Educational")
session8
```

```
## <polite session> https://www.amazon.com.au/MEROKEETY-Womens-Summer-Striped-Pockets/product-reviews/B
## User-agent: Student's Demo Educational
## robots.txt: 94 rules are defined for 4 bots
## Crawl delay: 5 sec
## The path is scrapable for this user-agent
```

```
session_page <- scrape(session8)

dress2_reviewer_names <- scrape(session8)%>%
  html_nodes("span.a-profile-name") %>%
  html_text()

dress2_reviewer_names[1:10]
```

```
## [1] "Anthony Chetram" "B T" "GW" "GW"
## [5] "Book Deva" "CP" "CP" "HARK49"
## [9] "krystalbee" "Beetle girl"
```

```
date2_review <- scrape(session8)%>%
  html_nodes("span.a-size-base.a-color-secondary.review-date") %>%
  html_text()
```

```

date2_review[1:10]

## [1] "Reviewed in the United States on 16 February 2022"
## [2] "Reviewed in the United States on 24 October 2021"
## [3] "Reviewed in the United States on 15 June 2021"
## [4] "Reviewed in the United States on 17 June 2022"
## [5] "Reviewed in the United States on 17 November 2022"
## [6] "Reviewed in the United States on 26 January 2023"
## [7] "Reviewed in the United States on 4 March 2023"
## [8] "Reviewed in the United States on 3 July 2023"
## [9] "Reviewed in the United States on 4 January 2022"
## [10] "Reviewed in the United States on 6 July 2022"

dress2_rev_ratings <- scrape(session8)%>%
  html_nodes("span.a-icon-alt") %>%
  html_text()

dress2_rev_ratings[1:10]

## [1] "4.4 out of 5 stars" "3.0 out of 5 stars" "5.0 out of 5 stars"
## [4] "5.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [7] "4.0 out of 5 stars" "4.0 out of 5 stars" "5.0 out of 5 stars"
## [10] "4.0 out of 5 stars"

dress2_rev_comment <-scrape(session8) %>%
  html_nodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bold") %>%
  html_text()

dress2_rev_comment[1:10]

## [1] "\n\n\n\n\n\n\n\n \n \n Cute Dress ... but long\n \n"
## [2] "\n\n\n\n\n\n\n\n \n \n Love it\n \n"
## [3] "\n\n\n\n\n\n\n\n \n \n Falling in love with this dress\n \n"
## [4] "\n\n\n\n\n\n\n\n \n \n Comfortable and flattering\n \n"
## [5] "\n\n\n\n\n\n\n\n \n \n Comfy and Nice Quality\n \n"
## [6] "\n\n\n\n\n\n\n\n \n \n Sexy and soft...\n \n"
## [7] "\n\n\n\n\n\n\n\n \n \n Not the same sizing as the short sleeved version\n \n"
## [8] "\n\n\n\n\n\n\n\n \n \n Very cute and comfortable\n \n"
## [9] "\n\n\n\n\n\n\n\n \n \n Comfortable\n \n"
## [10] "\n\n\n\n\n\n\n\n \n \n Cute dress!\n \n"

dress2.2_review <- data.frame(REVIEWERS_NAME =dress2_reviewer_names[1:10],
                              DATE_REVIEW= date2_review[1:10],
                              DRESS_RATE =dress2_rev_ratings[1:10],
                              REVIEWERS_COMMENT= dress2_rev_comment [1:10])

dress2.2_review

## REVIEWERS_NAME DATE_REVIEW
## 1 Anthony Chetram Reviewed in the United States on 16 February 2022
## 2 B T Reviewed in the United States on 24 October 2021
## 3 GW Reviewed in the United States on 15 June 2021
## 4 GW Reviewed in the United States on 17 June 2022
## 5 Book Deva Reviewed in the United States on 17 November 2022
## 6 CP Reviewed in the United States on 26 January 2023
## 7 CP Reviewed in the United States on 4 March 2023
## 8 HARK49 Reviewed in the United States on 3 July 2023

```



```
## 9      krystalbee   Reviewed in the United States on 4 January 2022
## 10     Beetle girl   Reviewed in the United States on 6 July 2022
```

```
##      DRESS_RATE
```

```
## 1  4.4 out of 5 stars
## 2  3.0 out of 5 stars
## 3  5.0 out of 5 stars
## 4  5.0 out of 5 stars
## 5  5.0 out of 5 stars
## 6  5.0 out of 5 stars
## 7  4.0 out of 5 stars
## 8  4.0 out of 5 stars
## 9  5.0 out of 5 stars
## 10 4.0 out of 5 stars
```

```
##      REVIEWERS_COMMENT
```

```
## 1      \n\n\n\n\n\n\n\n \n \n    Cute Dress ... but long\n \n
## 2      \n\n\n\n\n\n\n\n \n \n    Love it\n \n
## 3      \n\n\n\n\n\n\n\n \n \n    Falling in love with this dress\n \n
## 4      \n\n\n\n\n\n\n\n \n \n    Comfortable and flattering\n \n
## 5      \n\n\n\n\n\n\n\n \n \n    Comfy and Nice Quality\n \n
## 6      \n\n\n\n\n\n\n\n \n \n    Sexy and soft...\n \n
## 7  \n\n\n\n\n\n\n\n \n \n    Not the same sizing as the short sleeved version\n \n
## 8      \n\n\n\n\n\n\n\n \n \n    Very cute and comfortable\n \n
## 9      \n\n\n\n\n\n\n\n \n \n    Comfortable\n \n
## 10     \n\n\n\n\n\n\n\n \n \n    Cute dress!\n \n
```

```
dress_link2 <- 'https://www.amazon.com.au/MEROKEETY-Womens-Summer-Striped-Pockets/product-reviews/B084G'
```

```
session9 <- bow(dress_link2,
  user_agent = "Student's Demo Educational")
session9
```

```
## <polite session> https://www.amazon.com.au/MEROKEETY-Womens-Summer-Striped-Pockets/product-reviews/B
##   User-agent: Student's Demo Educational
##   robots.txt: 94 rules are defined for 4 bots
##   Crawl delay: 5 sec
##   The path is scrapable for this user-agent
```

```
session_page <- scrape(session9)
```

```
dress2_reviewer_names <- scrape(session9)%>%
  html_nodes("span.a-profile-name") %>%
  html_text()
```

```
dress2_reviewer_names[1:10]
```

```
## [1] "Rain 28"      "Katherine"      "L Fellows"      "Thomas/Karine"
## [5] "Thomas/Karine" "Amazon Customer" "Jenn"           "Heather Nugent"
## [9] "Jess"         "Jess"
```

```
date2_review <- scrape(session9)%>%
  html_nodes("span.a-size-base.a-color-secondary.review-date") %>%
  html_text()
```

```
date2_review[1:10]
```

```
## [1] "Reviewed in the United States on 2 September 2021"
```

```
## [2] "Reviewed in Canada on 11 July 2023"
## [3] "Reviewed in the United States on 8 February 2022"
## [4] "Reviewed in Canada on 9 June 2023"
## [5] "Reviewed in the United States on 18 June 2021"
## [6] "Reviewed in the United States on 2 July 2021"
## [7] "Reviewed in the United States on 4 May 2021"
## [8] "Reviewed in the United States on 17 February 2020"
## [9] "Reviewed in the United States on 10 March 2022"
## [10] "Reviewed in the United Kingdom on 21 July 2022"

dress2_rev_ratings <- scrape(session9)%>%
  html_nodes("span.a-icon-alt") %>%
  html_text()

dress2_rev_ratings[1:10]

## [1] "4.4 out of 5 stars" "5.0 out of 5 stars" "1.0 out of 5 stars"
## [4] "5.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [7] "5.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [10] "5.0 out of 5 stars"

dress2_rev_comment <-scrape(session9) %>%
  html_nodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bold") %>%
  html_text()

dress2_rev_comment[1:10]

## [1] "\n\n\n\n\n\n\n\n \n \n Most Comfortable Dress\n \n"
## [2] "\n\n\n\n\n\n\n\n \n \n Skin tight\n \n"
## [3] "\n\n\n\n\n\n\n\n \n \n Comfortable AND Stylish\n \n"
## [4] "\n\n\n\n\n\n\n\n \n \n Lovely dress\n \n"
## [5] "\n\n\n\n\n\n\n\n \n \n The perfect dress!\n \n"
## [6] "\n\n\n\n\n\n\n\n \n \n Fits perfectly\n \n"
## [7] "\n\n\n\n\n\n\n\n \n \n Classy and Comfortable\n \n"
## [8] "\n\n\n\n\n\n\n\n \n \n Nice Summer dress\n \n"
## [9] "\n\n\n\n\n\n\n\n \n \n Love the color\n \n"
## [10] "\n\n\n\n\n\n\n\n \n \n wrong style\n \n"

dress2.3_review <- data.frame(REVIEWERS_NAME =dress2_reviewer_names[1:10],
  DATE_REVIEW= date2_review[1:10],
  DRESS_RATE =dress2_rev_ratings[1:10],
  REVIEWERS_COMMENT= dress2_rev_comment [1:10])

dress2.3_review

## REVIEWERS_NAME DATE_REVIEW
## 1 Rain 28 Reviewed in the United States on 2 September 2021
## 2 Katherine Reviewed in Canada on 11 July 2023
## 3 L Fellows Reviewed in the United States on 8 February 2022
## 4 Thomas/Karine Reviewed in Canada on 9 June 2023
## 5 Thomas/Karine Reviewed in the United States on 18 June 2021
## 6 Amazon Customer Reviewed in the United States on 2 July 2021
## 7 Jenn Reviewed in the United States on 4 May 2021
## 8 Heather Nugent Reviewed in the United States on 17 February 2020
## 9 Jess Reviewed in the United States on 10 March 2022
## 10 Jess Reviewed in the United Kingdom on 21 July 2022
## DRESS_RATE REVIEWERS_COMMENT
```

```
## 1 4.4 out of 5 stars \n\n\n\n\n\n\n\n \n \n Most Comfortable Dress\n \n
## 2 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n \n Skin tight\n \n
## 3 1.0 out of 5 stars \n\n\n\n\n\n\n\n \n \n Comfortable AND Stylish\n \n
## 4 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n \n Lovely dress\n \n
## 5 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n \n The perfect dress!\n \n
## 6 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n \n Fits perfectly\n \n
## 7 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n \n Classy and Comfortable\n \n
## 8 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n \n Nice Summer dress\n \n
## 9 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n \n Love the color\n \n
## 10 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n \n wrong style\n \n
```

```
dress_link3 <- 'https://www.amazon.com.au/Nautica-Womens-9300ZD-Classic-Stretch/product-reviews/B07NW2R'
```

```
session10 <- bow(dress_link3,
  user_agent = "Student's Demo Educational")
session10
```

```
## <polite session> https://www.amazon.com.au/Nautica-Womens-9300ZD-Classic-Stretch/product-reviews/B07N
## User-agent: Student's Demo Educational
## robots.txt: 94 rules are defined for 4 bots
## Crawl delay: 5 sec
## The path is scrapable for this user-agent
```

```
session_page <- scrape(session10)
```

```
dress3_reviewer_names <- scrape(session10)%>%
  html_nodes("span.a-profile-name") %>%
  html_text()
```

```
dress3_reviewer_names[1:10]
```

```
## [1] "Jennifer C" "Kindle Customer TK"
## [3] "Amazon Customer" "Grace S"
## [5] "APK" "Daniel L"
## [7] "BC Cdn" "Geranis victoria estrada"
## [9] "MagP" "MagP"
```

```
date3_review <- scrape(session10)%>%
  html_nodes("span.a-size-base.a-color-secondary.review-date") %>%
  html_text()
```

```
date3_review[1:10]
```

```
## [1] "Reviewed in Australia on 6 May 2023"
## [2] "Reviewed in Australia on 1 February 2023"
## [3] "Reviewed in Australia on 24 January 2023"
## [4] "Reviewed in Singapore on 23 December 2023"
## [5] "Reviewed in the United States on 12 October 2023"
## [6] "Reviewed in Mexico on 14 June 2022"
## [7] "Reviewed in Canada on 4 November 2023"
## [8] "Reviewed in Spain on 11 April 2023"
## [9] "Reviewed in Singapore on 11 July 2022"
## [10] "Reviewed in the United States on 18 October 2023"
```

```
dress3_rev_ratings <- scrape(session10)%>%
  html_nodes("span.a-icon-alt") %>%
  html_text()
```

```

dress3_rev_ratings[1:10]

## [1] "4.4 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [4] "4.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [7] "5.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [10] "5.0 out of 5 stars"

dress3_rev_comment <- scrape(session10) %>%
  html_nodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bold") %>%
  html_text()

dress3_rev_comment[1:10]

## [1] "\n\n\n\n\n\n\n\n \n \n Dress by Nautical xxl\n \n"
## [2] "\n\n\n\n\n\n\n\n \n \n Nice casual dress!!\n \n"
## [3] "\n\n\n\n\n\n\n\n \n Muy buen vestido!\n \n \n"
## [4] "\n\n\n\n\n\n\n\n \n \n Cute dress. Great fit. Versatile.\n \n"
## [5] "\n\n\n\n\n\n\n\n \n \n La talla coincide\n \n"
## [6] "\n\n\n\n\n\n\n\n \n \n Flattering fit (size L)\n \n"
## [7] "\n\n\n\n\n\n\n\n \n \n Worth your while\n \n"
## [8] NA
## [9] NA
## [10] NA

dress3.1_review <- data.frame(REVIEWERS_NAME =dress3_reviewer_names[1:10],
  DATE_REVIEW= date3_review[1:10],
  DRESS_RATE =dress3_rev_ratings[1:10],
  REVIEWERS_COMMENT= dress3_rev_comment [1:10])

dress3.1_review

## REVIEWERS_NAME DATE_REVIEW
## 1 Jennifer C Reviewed in Australia on 6 May 2023
## 2 Kindle Customer TK Reviewed in Australia on 1 February 2023
## 3 Amazon Customer Reviewed in Australia on 24 January 2023
## 4 Grace S Reviewed in Singapore on 23 December 2023
## 5 APK Reviewed in the United States on 12 October 2023
## 6 Daniel L Reviewed in Mexico on 14 June 2022
## 7 BC Cdn Reviewed in Canada on 4 November 2023
## 8 Geranis victoria estrada Reviewed in Spain on 11 April 2023
## 9 MagP Reviewed in Singapore on 11 July 2022
## 10 MagP Reviewed in the United States on 18 October 2023
## DRESS_RATE
## 1 4.4 out of 5 stars
## 2 5.0 out of 5 stars
## 3 5.0 out of 5 stars
## 4 4.0 out of 5 stars
## 5 5.0 out of 5 stars
## 6 5.0 out of 5 stars
## 7 5.0 out of 5 stars
## 8 5.0 out of 5 stars
## 9 5.0 out of 5 stars
## 10 5.0 out of 5 stars
## REVIEWERS_COMMENT
## 1 \n\n\n\n\n\n\n\n \n \n Dress by Nautical xxl\n \n
## 2 \n\n\n\n\n\n\n\n \n \n Nice casual dress!!\n \n

```

```

## 3          \n\n\n\n\n\n\n\n \n      Muy buen vestido!\n \n \n \n
## 4 \n\n\n\n\n\n\n\n \n \n      Cute dress. Great fit. Versatile.\n \n \n
## 5          \n\n\n\n\n\n\n\n \n \n      La talla coincide\n \n \n
## 6          \n\n\n\n\n\n\n\n \n \n      Flattering fit (size L)\n \n \n
## 7          \n\n\n\n\n\n\n\n \n \n      Worth your while\n \n \n
## 8                                                    <NA>
## 9                                                    <NA>
## 10                                                   <NA>

dress_link3.2 <- 'https://www.amazon.com.au/Nautica-Womens-9300ZD-Classic-Stretch/product-reviews/B07NW'

session11 <- bow(dress_link3.2,
                user_agent = "Student's Demo Educational")
session11

## <polite session> https://www.amazon.com.au/Nautica-Womens-9300ZD-Classic-Stretch/product-reviews/B07NW
##   User-agent: Student's Demo Educational
##   robots.txt: 94 rules are defined for 4 bots
##   Crawl delay: 5 sec
##   The path is scrapable for this user-agent

session_page <- scrape(session11)

dress3_reviewer_names <- scrape(session11)%>%
html_nodes("span.a-profile-name") %>%
html_text()

dress3_reviewer_names[1:10]

## [1] "Yolanda Vargas"      "Darpan Mk"           "Azucena "
## [4] "Anna"                "Linda L."            "Lin"
## [7] "Maria R"             "Corgi"               "Pauline D Milbourne"
## [10] "Elizabeth M."

date3_review <- scrape(session11)%>%
html_nodes("span.a-size-base.a-color-secondary.review-date") %>%
html_text()

date3_review[1:10]

## [1] "Reviewed in Mexico on 6 August 2023"
## [2] "Reviewed in Canada on 13 December 2023"
## [3] "Reviewed in Mexico on 20 August 2023"
## [4] "Reviewed in Canada on 23 July 2023"
## [5] "Reviewed in the United States on 25 September 2023"
## [6] "Reviewed in Singapore on 1 July 2022"
## [7] "Reviewed in Mexico on 12 July 2023"
## [8] "Reviewed in Singapore on 5 August 2021"
## [9] "Reviewed in Canada on 18 October 2023"
## [10] "Reviewed in the United States on 28 July 2023"

dress3_rev_ratings <- scrape(session11)%>%
html_nodes("span.a-icon-alt") %>%
html_text()

dress3_rev_ratings[1:10]

```

```
## [1] "4.4 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [4] "5.0 out of 5 stars" "4.0 out of 5 stars" "5.0 out of 5 stars"
## [7] "5.0 out of 5 stars" "5.0 out of 5 stars" "4.0 out of 5 stars"
## [10] "5.0 out of 5 stars"

dress3_rev_comment <- scrape(session11) %>%
  html_nodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bold") %>%
  html_text()

dress3_rev_comment[1:10]

## [1] "\n\n\n\n\n\n\n\n \n    Muy bonito!\n \n \n"
## [2] "\n\n\n\n\n\n\n\n \n \n    Fabric is good and fits perfect\n \n"
## [3] "\n\n\n\n\n\n\n\n \n    Excelente\n \n \n"
## [4] "\n\n\n\n\n\n\n\n \n \n    Small on the shoulder\n \n"
## [5] "\n\n\n\n\n\n\n\n \n \n    The fit is great\n \n"
## [6] "\n\n\n\n\n\n\n\n \n \n    A good fit with right sizing\n \n"
## [7] "\n\n\n\n\n\n\n\n \n    Buena calidad y diseño\n \n \n"
## [8] "\n\n\n\n\n\n\n\n \n \n    Smart looking polo dress\n \n"
## [9] "\n\n\n\n\n\n\n\n \n \n    Dressing Profesional and Comfortable\n \n"
## [10] "\n\n\n\n\n\n\n\n \n \n    Really cute and comfy\n \n"

dress3.2_review <- data.frame(REVIEWERS_NAME =dress3_reviewer_names[1:10],
  DATE_REVIEW= date3_review[1:10],
  DRESS_RATE =dress3_rev_ratings[1:10],
  REVIEWERS_COMMENT= dress3_rev_comment [1:10])

dress3.2_review

##          REVIEWERS_NAME                                DATE_REVIEW
## 1      Yolanda Vargas                      Reviewed in Mexico on 6 August 2023
## 2          Darpan Mk                      Reviewed in Canada on 13 December 2023
## 3          Azucena                        Reviewed in Mexico on 20 August 2023
## 4           Anna                        Reviewed in Canada on 23 July 2023
## 5      Linda L. Reviewed in the United States on 25 September 2023
## 6           Lin                        Reviewed in Singapore on 1 July 2022
## 7          Maria R                        Reviewed in Mexico on 12 July 2023
## 8           Corgi                        Reviewed in Singapore on 5 August 2021
## 9 Pauline D Milbourne                      Reviewed in Canada on 18 October 2023
## 10      Elizabeth M. Reviewed in the United States on 28 July 2023
##          DRESS_RATE
## 1  4.4 out of 5 stars
## 2  5.0 out of 5 stars
## 3  5.0 out of 5 stars
## 4  5.0 out of 5 stars
## 5  4.0 out of 5 stars
## 6  5.0 out of 5 stars
## 7  5.0 out of 5 stars
## 8  5.0 out of 5 stars
## 9  4.0 out of 5 stars
## 10 5.0 out of 5 stars
##
##                                REVIEWERS_COMMENT
## 1          \n\n\n\n\n\n\n\n \n    Muy bonito!\n \n \n
## 2      \n\n\n\n\n\n\n\n \n \n    Fabric is good and fits perfect\n \n
## 3          \n\n\n\n\n\n\n\n \n    Excelente\n \n \n
## 4      \n\n\n\n\n\n\n\n \n \n    Small on the shoulder\n \n
```

```
## 5          \n\n\n\n\n\n\n\n \n \n    The fit is great\n \n
## 6      \n\n\n\n\n\n\n\n \n \n    A good fit with right sizing\n \n
## 7          \n\n\n\n\n\n\n\n \n    Buena calidad y diseño\n \n \n
## 8          \n\n\n\n\n\n\n\n \n \n    Smart looking polo dress\n \n
## 9 \n\n\n\n\n\n\n\n \n \n    Dressing Profesional and Comfortable\n \n
## 10         \n\n\n\n\n\n\n\n \n \n    Really cute and comfy\n \n
```

```
dress_link3.3 <- 'https://www.amazon.com.au/Nautica-Womens-9300ZD-Classic-Stretch/product-reviews/B07NW'
```

```
session12 <- bow(dress_link3.3,
  user_agent = "Student's Demo Educational")
session12
```

```
## <polite session> https://www.amazon.com.au/Nautica-Womens-9300ZD-Classic-Stretch/product-reviews/B07NW
##   User-agent: Student's Demo Educational
##   robots.txt: 94 rules are defined for 4 bots
##   Crawl delay: 5 sec
##   The path is scrapable for this user-agent
```

```
session_page <- scrape(session12)
```

```
dress3_reviewer_names <- scrape(session12)%>%
html_nodes("span.a-profile-name") %>%
html_text()
```

```
dress3_reviewer_names[1:10]
```

```
## [1] "Beatrice Maude"      "Ana María Vargas Paulin"
## [3] "Susanna Isabeau"     "Amazon Kunde"
## [5] "Ale Landa"           "Doris Joseph"
## [7] "Ms.Bunny"            "B&Bz Mom"
## [9] "Amazon Customer"     "Patricia M"
```

```
date3_review <- scrape(session12)%>%
html_nodes("span.a-size-base.a-color-secondary.review-date") %>%
html_text()
```

```
date3_review[1:10]
```

```
## [1] "Reviewed in Canada on 11 July 2021"
## [2] "Reviewed in Mexico on 5 February 2024"
## [3] "Reviewed in the United States on 20 August 2023"
## [4] "Reviewed in Singapore on 20 September 2020"
## [5] "Reviewed in Mexico on 31 August 2023"
## [6] "Reviewed in Canada on 24 July 2022"
## [7] "Reviewed in the United States on 24 October 2023"
## [8] "Reviewed in Canada on 7 September 2021"
## [9] "Reviewed in the United States on 21 September 2023"
## [10] "Reviewed in Mexico on 17 August 2023"
```

```
dress3_rev_ratings <- scrape(session12)%>%
html_nodes("span.a-icon-alt") %>%
html_text()
```

```
dress3_rev_ratings[1:10]
```

```
## [1] "4.4 out of 5 stars" "5.0 out of 5 stars" "4.0 out of 5 stars"
```

```
## [4] "5.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [7] "3.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [10] "3.0 out of 5 stars"

dress3_rev_comment <-scrape(session12) %>%
  html_nodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bold") %>%
  html_text()

dress3_rev_comment[1:10]

## [1] "\n\n\n\n\n\n\n\n \n \n FITS GREAT, LOOKS GREAT\n \n"
## [2] "\n\n\n\n\n\n\n\n \n Buen diseño!\n \n \n"
## [3] "\n\n\n\n\n\n\n\n \n \n True Fit Cute Casual Dress\n \n"
## [4] "\n\n\n\n\n\n\n\n \n \n Comfortable fit, good quality\n \n"
## [5] "\n\n\n\n\n\n\n\n \n Excelente\n \n \n"
## [6] "\n\n\n\n\n\n\n\n \n Robe\n \n \n"
## [7] "\n\n\n\n\n\n\n\n \n \n Good fit!\n \n \n"
## [8] "\n\n\n\n\n\n\n\n \n \n Stylish, comfortable\n \n \n"
## [9] "\n\n\n\n\n\n\n\n \n \n Cute but super short\n \n \n"
## [10] "\n\n\n\n\n\n\n\n \n Me encantó\n \n \n"

dress3.3_review <- data.frame(REVIEWERS_NAME =dress3_reviewer_names[1:10],
  DATE_REVIEW= date3_review[1:10],
  DRESS_RATE =dress3_rev_ratings[1:10],
  REVIEWERS_COMMENT= dress3_rev_comment [1:10])

dress3.3_review

## REVIEWERS_NAME DATE_REVIEW
## 1 Beatrice Maude Reviewed in Canada on 11 July 2021
## 2 Ana María Vargas Paulin Reviewed in Mexico on 5 February 2024
## 3 Susanna Isabeau Reviewed in the United States on 20 August 2023
## 4 Amazon Kunde Reviewed in Singapore on 20 September 2020
## 5 Ale Landa Reviewed in Mexico on 31 August 2023
## 6 Doris Joseph Reviewed in Canada on 24 July 2022
## 7 Ms.Bunny Reviewed in the United States on 24 October 2023
## 8 B&Bz Mom Reviewed in Canada on 7 September 2021
## 9 Amazon Customer Reviewed in the United States on 21 September 2023
## 10 Patricia M Reviewed in Mexico on 17 August 2023
## DRESS_RATE
## 1 4.4 out of 5 stars
## 2 5.0 out of 5 stars
## 3 4.0 out of 5 stars
## 4 5.0 out of 5 stars
## 5 5.0 out of 5 stars
## 6 5.0 out of 5 stars
## 7 3.0 out of 5 stars
## 8 5.0 out of 5 stars
## 9 5.0 out of 5 stars
## 10 3.0 out of 5 stars
## REVIEWERS_COMMENT
## 1 \n\n\n\n\n\n\n\n \n \n FITS GREAT, LOOKS GREAT\n \n
## 2 \n\n\n\n\n\n\n\n \n Buen diseño!\n \n \n
## 3 \n\n\n\n\n\n\n\n \n \n True Fit Cute Casual Dress\n \n
## 4 \n\n\n\n\n\n\n\n \n \n Comfortable fit, good quality\n \n
## 5 \n\n\n\n\n\n\n\n \n Excelente\n \n \n
```



```
## 6          \n\n\n\n\n\n\n\n \n    Robe\n \n \n
## 7          \n\n\n\n\n\n\n\n \n \n    Good fit!\n \n
## 8          \n\n\n\n\n\n\n\n \n \n    Stylish, comfortable\n \n
## 9          \n\n\n\n\n\n\n\n \n \n    Cute but super short\n \n
## 10         \n\n\n\n\n\n\n\n \n    Me encantó\n \n \n
```

```
dress_link4 <- 'https://www.amazon.com.au/Tommy-Hilfiger-T-Shirt-Sleeve-Dresses/product-reviews/BOBVK23'
```

```
session13 <- bow(dress_link4,
  user_agent = "Student's Demo Educational")
session13
```

```
## <polite session> https://www.amazon.com.au/Tommy-Hilfiger-T-Shirt-Sleeve-Dresses/product-reviews/BOBVK23
##   User-agent: Student's Demo Educational
##   robots.txt: 94 rules are defined for 4 bots
##   Crawl delay: 5 sec
##   The path is scrapable for this user-agent
```

```
session_page <- scrape(session13)
```

```
dress4_reviewer_names <- scrape(session13)%>%
  html_nodes("span.a-profile-name") %>%
  html_text()
```

```
dress4_reviewer_names[1:10]
```

```
## [1] "kid-kirby"          "Juana González García" "Renato Sánchez "
## [4] "Semen"              "Semen"                 "Katarzyna K."
## [7] "Patience Abra"     "Patience Abra"        "Lenore Wourms"
## [10] "D Miller"
```

```
date4_review <- scrape(session13)%>%
  html_nodes("span.a-size-base.a-color-secondary.review-date") %>%
  html_text()
```

```
date4_review[1:10]
```

```
## [1] "Reviewed in Germany on 17 December 2023"
## [2] "Reviewed in Mexico on 2 February 2024"
## [3] "Reviewed in the United States on 22 December 2023"
## [4] "Reviewed in Singapore on 5 July 2023"
## [5] "Reviewed in the United Kingdom on 13 February 2024"
## [6] "Reviewed in Canada on 16 October 2023"
## [7] "Reviewed in Canada on 12 July 2023"
## [8] "Reviewed in the United States on 19 August 2023"
## [9] "Reviewed in the United States on 18 May 2023"
## [10] "Reviewed in Mexico on 15 June 2023"
```

```
dress4_rev_ratings <- scrape(session13)%>%
  html_nodes("span.a-icon-alt") %>%
  html_text()
```

```
dress4_rev_ratings[1:10]
```

```
## [1] "4.5 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [4] "5.0 out of 5 stars" "1.0 out of 5 stars" "1.0 out of 5 stars"
## [7] "5.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
```

```
## [10] "5.0 out of 5 stars"

dress4_rev_comment <- scrape(session13) %>%
  html_nodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bold") %>%
  html_text()

dress4_rev_comment[1:10]

## [1] "\n\n\n\n\n\n\n\n \n Sehr schönes Kleid\n \n \n"
## [2] "\n\n\n\n\n\n\n\n \n Maravilloso\n \n \n"
## [3] "\n\n\n\n\n\n\n\n \n Muy bien\n \n \n"
## [4] "\n\n\n\n\n\n\n\n \n \n Stains on the dress\n \n \n"
## [5] "\n\n\n\n\n\n\n\n \n \n My favourite\n \n \n"
## [6] "\n\n\n\n\n\n\n\n \n \n You should size up if you don't want it to be too tight on you\n \n \n"
## [7] "\n\n\n\n\n\n\n\n \n \n Comfy and looks terrific\n \n \n"
## [8] "\n\n\n\n\n\n\n\n \n \n Very cute\n \n \n"
## [9] "\n\n\n\n\n\n\n\n \n \n Size\n \n \n"
## [10] "\n\n\n\n\n\n\n\n \n MUY BUEN VESTIDO, VIENE LARGUITO.\n \n \n"

dress4_review <- data.frame(REVIEWERS_NAME =dress4_reviewer_names[1:10],
  DATE_REVIEW= date4_review[1:10],
  DRESS_RATE =dress4_rev_ratings[1:10],
  REVIEWERS_COMMENT= dress4_rev_comment [1:10])

dress4_review

##          REVIEWERS_NAME          DATE_REVIEW
## 1 kid-kirby Reviewed in Germany on 17 December 2023
## 2 Juana González García Reviewed in Mexico on 2 February 2024
## 3 Renato Sánchez Reviewed in the United States on 22 December 2023
## 4 Semen Reviewed in Singapore on 5 July 2023
## 5 Semen Reviewed in the United Kingdom on 13 February 2024
## 6 Katarzyna K. Reviewed in Canada on 16 October 2023
## 7 Patience Abra Reviewed in Canada on 12 July 2023
## 8 Patience Abra Reviewed in the United States on 19 August 2023
## 9 Lenore Wourms Reviewed in the United States on 18 May 2023
## 10 D Miller Reviewed in Mexico on 15 June 2023
##          DRESS_RATE
## 1 4.5 out of 5 stars
## 2 5.0 out of 5 stars
## 3 5.0 out of 5 stars
## 4 5.0 out of 5 stars
## 5 1.0 out of 5 stars
## 6 1.0 out of 5 stars
## 7 5.0 out of 5 stars
## 8 5.0 out of 5 stars
## 9 5.0 out of 5 stars
## 10 5.0 out of 5 stars
##
##          REVIEWERS_COMMENT
## 1 \n\n\n\n\n\n\n\n \n Sehr schönes Kleid\n \n \n
## 2 \n\n\n\n\n\n\n\n \n Maravilloso\n \n \n
## 3 \n\n\n\n\n\n\n\n \n Muy bien\n \n \n
## 4 \n\n\n\n\n\n\n\n \n \n Stains on the dress\n \n \n
## 5 \n\n\n\n\n\n\n\n \n \n My favourite\n \n \n
## 6 \n\n\n\n\n\n\n\n \n \n You should size up if you don't want it to be too tight on you\n \n \n
## 7 \n\n\n\n\n\n\n\n \n \n Comfy and looks terrific\n \n \n
```

```

## 8                                     \n\n\n\n\n\n\n\n \n \n    Very cute\n \n
## 9                                     \n\n\n\n\n\n\n\n \n \n    Size\n \n
## 10                                  \n\n\n\n\n\n\n\n \n    MUY BUEN VESTIDO, VIENE LARGUITO.\n \n \n

dress_link4 <- 'https://www.amazon.com.au/Tommy-Hilfiger-T-Shirt-Sleeve-Dresses/product-reviews/BOBVK23J'

session14 <- bow(dress_link4,
                 user_agent = "Student's Demo Educational")
session14

## <polite session> https://www.amazon.com.au/Tommy-Hilfiger-T-Shirt-Sleeve-Dresses/product-reviews/BOBVK23J
##   User-agent: Student's Demo Educational
##   robots.txt: 94 rules are defined for 4 bots
##   Crawl delay: 5 sec
##   The path is scrapable for this user-agent

session_page <- scrape(session14)

dress4_reviewer_names <- scrape(session14)%>%
  html_nodes("span.a-profile-name") %>%
  html_text()

dress4_reviewer_names[1:10]

## [1] "Amazon Girl"          "Luis Fernando pereira" "Yeny R."
## [4] "özlem ay örs"         "CiCi"                  "Tinus"
## [7] "Vhc"                  "Mauricio Velasco"     "Meme"
## [10] "Cliente de Amazon"

date4_review <- scrape(session14)%>%
  html_nodes("span.a-size-base.a-color-secondary.review-date") %>%
  html_text()

date4_review[1:10]

## [1] "Reviewed in Canada on 19 October 2023"
## [2] "Reviewed in the United States on 2 September 2023"
## [3] "Reviewed in Mexico on 4 November 2023"
## [4] "Reviewed in Germany on 8 July 2023"
## [5] "Reviewed in the United States on 1 July 2023"
## [6] "Reviewed in Germany on 18 May 2023"
## [7] "Reviewed in Mexico on 28 August 2023"
## [8] "Reviewed in Mexico on 17 June 2023"
## [9] "Reviewed in the United States on 10 September 2023"
## [10] "Reviewed in Mexico on 9 September 2023"

dress4_rev_ratings <- scrape(session14)%>%
  html_nodes("span.a-icon-alt") %>%
  html_text()

dress4_rev_ratings[1:10]

## [1] "4.5 out of 5 stars" "1.0 out of 5 stars" "5.0 out of 5 stars"
## [4] "5.0 out of 5 stars" "5.0 out of 5 stars" "5.0 out of 5 stars"
## [7] "5.0 out of 5 stars" "4.0 out of 5 stars" "5.0 out of 5 stars"
## [10] "3.0 out of 5 stars"

```

```
dress4_rev_comment <-scrape(session14) %>%
  html_nodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bold") %>%
  html_text()
```

```
dress4_rev_comment[1:10]
```

```
## [1] "\n\n\n\n\n\n\n\n \n \n Looks like a sack\n \n"
## [2] "\n\n\n\n\n\n\n\n \n Lindo\n \n \n"
## [3] "\n\n\n\n\n\n\n\n \n Muy bonito\n \n \n"
## [4] "\n\n\n\n\n\n\n\n \n \n perfect... \n \n"
## [5] "\n\n\n\n\n\n\n\n \n \n Love it!\n \n \n"
## [6] "\n\n\n\n\n\n\n\n \n Schön \U{01f970}\n \n \n"
## [7] "\n\n\n\n\n\n\n\n \n Muy buen material\n \n \n"
## [8] "\n\n\n\n\n\n\n\n \n Calidad de manufactura\n \n \n"
## [9] "\n\n\n\n\n\n\n\n \n \n This is just a T shirt\n \n \n"
## [10] "\n\n\n\n\n\n\n\n \n Devolución existosa\n \n \n"
```

```
dress4.1_review <- data.frame(REVIEWERS_NAME =dress4_reviewer_names[1:10],
                             DATE_REVIEW= date4_review[1:10],
                             DRESS_RATE =dress4_rev_ratings[1:10],
                             REVIEWERS_COMMENT= dress4_rev_comment [1:10])
```

```
dress4.1_review
```

```
##          REVIEWERS_NAME                                DATE_REVIEW
## 1          Amazon Girl                      Reviewed in Canada on 19 October 2023
## 2 Luis Fernando pereira Reviewed in the United States on 2 September 2023
## 3          Yeny R.                      Reviewed in Mexico on 4 November 2023
## 4          özlem ay örs                      Reviewed in Germany on 8 July 2023
## 5          CiCi                      Reviewed in the United States on 1 July 2023
## 6          Tinus                      Reviewed in Germany on 18 May 2023
## 7          Vhc                      Reviewed in Mexico on 28 August 2023
## 8 Mauricio Velasco                      Reviewed in Mexico on 17 June 2023
## 9          Meme Reviewed in the United States on 10 September 2023
## 10 Cliente de Amazon                      Reviewed in Mexico on 9 September 2023
##          DRESS_RATE                                REVIEWERS_COMMENT
## 1 4.5 out of 5 stars \n\n\n\n\n\n\n\n \n \n Looks like a sack\n \n
## 2 1.0 out of 5 stars \n\n\n\n\n\n\n\n \n Lindo\n \n \n
## 3 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n Muy bonito\n \n \n
## 4 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n \n perfect... \n \n
## 5 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n \n Love it!\n \n \n
## 6 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n Schön \U{01f970}\n \n \n
## 7 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n Muy buen material\n \n \n
## 8 4.0 out of 5 stars \n\n\n\n\n\n\n\n \n Calidad de manufactura\n \n \n
## 9 5.0 out of 5 stars \n\n\n\n\n\n\n\n \n \n This is just a T shirt\n \n \n
## 10 3.0 out of 5 stars \n\n\n\n\n\n\n\n \n Devolución existosa\n \n \n
```