LabExercise2

2024-02-18

50 Products Scraped

product_1 Osprey Europe Talon 11 Men's Hiking Pack Cosmic Red

```
library(dplyr)
```

```
##
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
##
##     filter, lag
```

```
## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
```

```
library(rvest)
library(polite)
library(httr)
library(selectr)

product_1 <- data.frame()

for (page in 1:5) {
  url1 <- paste0("https://www.amazon.co.uk/Osprey-Europe-Talon-Hiking-Cosmic/product-reviews/B08LPWFBW5/
  session1 <- bow(url1, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session1) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Osprey Europe Talon 11 Men's Hiking Pack Cosmic Red - L/XL"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_1 <- rbind(product_1, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
```

```
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_1)
```

2ndporduct Vans Alumni backpack Unisex children's backpack

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_2 <- data.frame()

for (page in 1:5) {
 url2 <- paste0("https://www.amazon.co.uk/Vans-Unisex-Backpack-ALUMNI-BACKPACK/product-reviews/B0B1VPCW
  session2 <- bow(url2, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session2) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Vans Alumni backpack Unisex children's backpack (pack of 1), 40.5 x 29 x 19 cm"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_2 <- rbind(product_2, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_2)
```

3rdproduct

```r
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_3 <- data.frame()

for (page in 1:5) {
  url3 <- paste0("https://www.amazon.co.uk/JanSport-SuperBreak-Large-Backpack-Graphite/product-reviews/
  session3 <- bow(url3, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session3) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "JanSport SuperBreak One, Large Backpack, 25 L, 42 x 33 x 21 cm, Graphite Grey"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_3 <- rbind(product_3, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_3)
```

4thproduct JANSPORT Unisex Big Student Bookbag with 15-Inch Laptop Compartment (pack of 1)

```r
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_4 <- data.frame()

for (page in 1:5) {
  url4 <- paste0("https://www.amazon.co.uk/JanSport-Big-Student-Backpack-Sustainable/product-reviews/B0
  session4 <- bow(url4, user_agent = "Educational Purpose")
```

```
  scrapeNodes <- function(selector) {
    scrape(session4) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "JANSPORT Unisex Big Student Bookbag with 15-Inch Laptop Compartment (pack of 1)"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_4 <- rbind(product_4, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))
}

#View(product_4)
```

5thprodcut

JanSport Big Student, Large Backpack, 51 L, 43 x 33 x 25 cm, 15in laptop compartment, Blue Neon”

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_5 <- data.frame()

for (page in 1:5) {
  url5 <- paste0("https://www.amazon.co.uk/JanSport-Student-Backpack-laptop-compartment/product-reviews,
  session5 <- bow(url5, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session5) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "JanSport Big Student, Large Backpack, 51 L, 43 x 33 x 25 cm, 15in laptop compartment,
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
```

```
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_5 <- rbind(product_5, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_5)
```

6thproduct

JanSport SuperBreak One, Large Backpack

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_6 <- data.frame()

for (page in 1:5) {
  url6 <- paste0("https://www.amazon.co.uk/JanSport-SuperBreak-Backpack-Screen-Static/product-reviews/B
  session6 <- bow(url6, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session6) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "JanSport SuperBreak One, Large Backpack, 47 L, 42 x 33 x 21 cm, Screen Static"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_6 <- rbind(product_6, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
```

```
    type_of_purchase = scrapedType
  ))


}

#View(product_6)
```

7thproduct Jansport SuperBreak Backpack

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_7 <- data.frame()

for (page in 1:5) {
  url7 <- paste0("https://www.amazon.co.uk/JANSPORT-Superbreak-Backpack-Jansport-SuperBreak/product-revi
  session7 <- bow(url7, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session7) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Jansport SuperBreak Backpack"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_7 <- rbind(product_7, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_7)
```

8thproduct JANSPORT Unisex Cortlandt Everyday Advanture Tech Backpack (pack of 1)

```
library(dplyr)
library(rvest)
```

```
library(polite)
library(httr)
library(selectr)

product_8 <- data.frame()

for (page in 1:5) {
  url8 <- paste0("https://www.amazon.co.uk/JanSport-Cortlandt-Backpack-Laptop-Compartment/product-revie
  session8 <- bow(url8, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session8) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "JANSPORT Unisex Cortlandt Everyday Advanture Tech Backpack (pack of 1)"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_8 <- rbind(product_8, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))

  Sys.sleep(3)
}

#View(product_8)
```

9thproduct Vans Unisex Alumni Pack 5 Backpack (pack of 1)

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_9 <- data.frame()

for (page in 1:5) {
  url9 <- paste0("https://www.amazon.co.uk/Vans-Unisex-Backpack-ALUMNI-ROYALE-WHITE/product-reviews/B0B
  session9 <- bow(url9, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
```

```
    scrape(session9) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Vans Unisex Alumni Pack 5 Backpack (pack of 1)"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_9 <- rbind(product_9, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))

}

#View(product_9)
```

10thproduct JanSport SuperBreak One, Large Backpack, 46 L, 42 x 33 x 21 cm, Precious Petal s

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_10 <- data.frame()

for (page in 1:5) {
  url10 <- paste0("https://www.amazon.co.uk/JanSport-SuperBreak-Backpack-Precious-Petals/product-reviews
  session10 <- bow(url10, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session10) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "JanSport SuperBreak One, Large Backpack, 46 L, 42 x 33 x 21 cm, Precious Petals"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]
```

```
  product_10 <- rbind(product_10, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_10)
```

11thproduct JANSPORT Men's Superbreak 100% Nylon Bags

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_11 <- data.frame()

for (page in 1:2) {
  url11 <- paste0("https://www.amazon.co.uk/Jansport-Superbreak-Pink-100-Nylon/product-reviews/B07D438M
  session11 <- bow(url11, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session11) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "JANSPORT Men's Superbreak 100% Nylon Bags"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:50]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:50]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:50]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:50]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:50]

  product_11 <- rbind(product_11, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))
```

```
}

#View(product_11)
```

12thproduct JANSPORT Big Student, Large Backpack, Red Tape, 34 L, 43 x 33 x 25 cm, 15 in laptop compartment

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_12 <- data.frame()

for (page in 1:2) {
  url12 <- paste0("https://www.amazon.co.uk/Jansport-Big-Student-Backpack-Tape/product-reviews/B08YRVTW
  session12 <- bow(url12, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session12) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "JANSPORT Big Student, Large Backpack, Red Tape, 34 L, 43 x 33 x 25 cm, 15 in laptop c
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_12 <- rbind(product_12, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_12)
```

13thproduct JanSport Cool Student

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)
```

```
product_13 <- data.frame()

for (page in 1:5) {
  url13 <- paste0("https://www.amazon.co.uk/JANSPORT-JS0A47JK-JanSport-Student-Backpack/product-reviews,
  session13 <- bow(url13, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session13) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "JanSport Cool Student"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_13 <- rbind(product_13, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_13)
```

14thproduct

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_14 <- data.frame()

for (page in 3:7) {
  url14<- paste0("https://www.amazon.co.uk/JanSport-Big-Student-Backpack-Sustainable/product-reviews/B0
  session14 <- bow(url14, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session14) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }
```

```
  productName <- "JANSPORT Unisex Big Student Bookbag with 15-Inch Laptop Compartment (pack of 1)"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_14 <- rbind(product_14, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_14)
```

15thproduct KROSER School Laptop Backpack 17.3 Inch Large Travel Computer Backpack Water-Repellent Daypack with USB Charging Port & Headphone Interface RFID Pockets for Work/Business/College/Men/Women

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_15 <- data.frame()

for (page in 1:5) {
url15 <- paste0("https://www.amazon.co.uk/KROSER-15-6-17-3-Water-Repellent-Headphone-Interface/product-
  session15 <- bow(url15, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session15) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "KROSER School Laptop Backpack 17.3 Inch Large Travel Computer Backpack Water-Repellen
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_15 <- rbind(product_15, data.frame(
```

```
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_15)
```

16thproduct MATEIN Travel Laptop Backpack, Business Anti Theft Slim Durable Laptops Backpack with USB Charging Port, Water Resistant College School Computer Bag Gift for Men & Women Fits 15.6 Inch Notebook, Grey

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_16 <- data.frame()

for (page in 1:10) {
url16<- paste0("https://www.amazon.com/Backpack-Business-Charging-Resistant-Computer/product-reviews/B0
  session16 <- bow(url16, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session16) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "MATEIN Travel Laptop Backpack, Business Anti Theft Slim Durable Laptops Backpack with
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_16 <- rbind(product_16, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))
```

```
}
```

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```

```
#View(product_16)
```

17thproduct Nicole Miller Travel Laptop Backpack-Business Anti Theft Vintage Backpack with USB Charging Port-Water Resistant Computer Bag

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_17 <- data.frame()

for (page in 1:5) {
url17<- paste0("https://www.amazon.com/Miller-Backpack-Business-Backpack-Port-Water-Resistant/product-r
  session17 <- bow(url17, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session17) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Nicole Miller Travel Laptop Backpack-Business Anti Theft Vintage Backpack with USB Cha
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_17 <- rbind(product_17, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))
```

```
}
```

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```

```
#View(product_17)
```

18thproduct CYUREAY Convertible Backpack Tote Women Laptop Daypack Water Resistant Casual Backpack for Work Computer Fits 15.6-Inch Laptop & Tablet, Green

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_18 <- data.frame()

for (page in 1:5) {
url18<- paste0("https://www.amazon.com/Convertible-Backpack-Resistant-Computer-15-6-Inch/product-reviews
  session18 <- bow(url18, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session18) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "CYUREAY Convertible Backpack Tote Women Laptop Daypack Water Resistant Casual Backpack
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_18 <- rbind(product_18, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```
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```

```
#View(product_18)
```

19thproduct CYUREAY Convertible Backpack Tote Women Laptop Daypack Water Resistant Casual Backpack for Work Computer Fits 15.6-Inch Laptop & Tablet, Green

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_19 <- data.frame()

for (page in 1:5) {
url19<- paste0("https://www.amazon.com/Convertible-Backpack-Resistant-Computer-15-6-Inch/product-reviews
  session19 <- bow(url19, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session19) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "CYUREAY Convertible Backpack Tote Women Laptop Daypack Water Resistant Casual Backpack
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_19 <- rbind(product_19, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```
#View(product_19)
```

20thproduct

CYUREAY Laptop Backpack for Women Fashion Travel Backpacks 15.6 Inch Laptop Bag with USB Port

Teacher Nurse Vintage Daypacks for Work,Pink

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_20 <- data.frame()

for (page in 1:5) {
url20<- paste0("https://www.amazon.com/CYUREAY-College-Students-Backpack-Spacious/product-reviews/B0BHW
  session20 <- bow(url20, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session20) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "CYUREAY Laptop Backpack for Women Fashion Travel Backpacks 15.6 Inch Laptop Bag with
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_20 <- rbind(product_20, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```
#View(product_20)
```

21st product

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)
```

```r
product_21 <- data.frame()

for (page in 1:5) {
url21<- paste0("https://www.amazon.com/LXY-Leather-Backpack-Vintage-Charging/product-reviews/B0BK8Q642Q/
  session21 <- bow(url21, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session21) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "LXY Vegan Leather Backpack Vintage Laptop Bookbag for Women Men, Brown Faux Leather Ba
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_21 <- rbind(product_21, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```r
#View(product_21)
```

22ndproduct Kah&Kee Faux-Leather Backpack Diaper Bag with Laptop Compartment Travel School for Women Man

```r
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_22 <- data.frame()

for (page in 1:5) {
url22<- paste0("https://www.amazon.com/Kah-Kee-Leather-Backpack-Compartment/product-reviews/B07CYZCV7Q/
```

```
  session22 <- bow(url22, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session22) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Kah&Kee Faux-Leather Backpack Diaper Bag with Laptop Compartment Travel School for Wo
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_22 <- rbind(product_22, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```
#View(product_22)
```

23rdproduct Kah&Kee City Backpack-14 Inch Laptop Backpack for Women Medium Work,Teacher Backpack-Simple, Casual Daypack Backpacks (Beige)

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_23 <- data.frame()

for (page in 1:5) {
url23<- paste0("https://amazon.com/Kah-Kee-Backpack-14-Backpack-Simple-Backpacks/product-reviews/B0CJ36
  session23 <- bow(url23, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session23) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
```

```
  }

  productName <- "Kah&Kee City Backpack-14 Inch Laptop Backpack for Women Medium Work,Teacher Backpack-S
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_23 <- rbind(product_23, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_23)
```

24thproduct MAH Travel Laptop Backpack, 15.6 Inch Casual Daypack for Men Women, Water Resistant Business College Bookbag-

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_24 <- data.frame()

for (page in 1:5) {
url24<- paste0("https://www.amazon.com/MAH-Backpack-Daypack-Resistant-Business/product-reviews/B09CTFB8
  session24 <- bow(url24, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session24) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "MAH Travel Laptop Backpack, 15.6 Inch Casual Daypack for Men Women, Water Resistant Bu
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]
```

```
  product_24 <- rbind(product_24, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```
#View(product_24)
```

25th_product G-FAVOR Laptop Backpack for Men, Business Travel Backpack, Water-resistant Expandable Computer Backpack with USB Charging Port, for 15.6 inch Laptop Bag

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_25 <- data.frame()

for (page in 1:5) {
url25<- paste0("https://www.amazon.com/G-FAVOR-Business-Backpack-Resistant-Expandable/product-reviews/B
  session25 <- bow(url25, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session25) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "G-FAVOR Laptop Backpack for Men, Business Travel Backpack, Water-resistant Expandable
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_25 <- rbind(product_25, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
```

```
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))

Sys.sleep(3)
}
```

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```

```
#View(product_25)
```

26thproduct G-FAVOR 40L Travel Backpack, Vintage Canvas Rucksack Convertible Duffel Bag Carry On Backpack Fit for 17.3 Inch Laptop Bag

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_26 <- data.frame()

for (page in 1:5) {
url26<- paste0("https://www.amazon.com/G-FAVOR-Backpack-Rucksack-Convertible-Approved/product-reviews/B
  session26 <- bow(url26, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session26) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "G-FAVOR 40L Travel Backpack, Vintage Canvas Rucksack Convertible Duffel Bag Carry On
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_26 <- rbind(product_26, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))
```

```
Sys.sleep(3)
}
```

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```

```
#View(product_26)
```

27thproduct WITZMAN Carry On Travel Backpack for Men Women USB Charging Port Large Luggage Backpack Bag Airline Approved

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_27 <- data.frame()

for (page in 1:5) {
url27<- paste0("https://www.amazon.com/WITZMAN-Backpack-Charging-Approved-B686/product-reviews/B0CC8D9W
  session27 <- bow(url27, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session27) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "WITZMAN Carry On Travel Backpack for Men Women USB Charging Port Large Luggage Backpa
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_27 <- rbind(product_27, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))

Sys.sleep(3)
}
```

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```
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```

```
#View(product_27)
```

28thproduct WITZMAN Canvas Backpack Large Carry On Travel Backpack Duffel Bag Fit 18 inch Laptop for Men Women(A6617-3 Army Green)

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_28 <- data.frame()

for (page in 1:5) {
url28<- paste0("https://www.amazon.com/WITZMAN-Canvas-Backpack-Travel-A6617-3/product-reviews/B0C4NFD33
  session28 <- bow(url28, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session28) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "WITZMAN Canvas Backpack Large Carry On Travel Backpack Duffel Bag Fit 18 inch Laptop
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_28 <- rbind(product_28, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```
#View(product_28)
```

29thproduct WITZMAN Travel Backpack for Men Carry On Backpack Duffel Bag Large Capacity Laptop Backpack 17 Inch (6695 Black)

```r
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_29 <- data.frame()

for (page in 1:5) {
url29<- paste0("https://www.amazon.com/WITZMAN-Outdoor-Backpack-Rucksack-6695/product-reviews/B06XRYR2K
  session29 <- bow(url29, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session29) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "WITZMAN Travel Backpack for Men Carry On Backpack Duffel Bag Large Capacity Laptop Ba
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_29 <- rbind(product_29, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

```
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```

```r
#View(product_29)
```

30thproduct

```r
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)
```

```r
product_30 <- data.frame()

for (page in 1:5) {
url30<- paste0("https://www.amazon.com/KEOFID-classic-backpack-charging-resistent/product-reviews/B0BG85
  session30 <- bow(url30, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session30) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "classic carry-on travel backpack for men and women, Anti theft laptop backpack with US
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_30 <- rbind(product_30, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

```
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```

```r
#View(product_30)
```

31st product VGCUB Large Travel Work Business Backpack Carry on Flight Approved Laptop Backpack for Women Men Mochila de Viaje

```r
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_31 <- data.frame()

for (page in 1:5) {
url31<- paste0("https://www.amazon.com/VGCUB-Backpack-Personal-Waterproof-Compartment/product-reviews/B0
  session31 <- bow(url31, user_agent = "Educational Purpose")
```

```
  scrapeNodes <- function(selector) {
    scrape(session31) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "VGCUB Large Travel Work Business Backpack Carry on Flight Approved Laptop Backpack fo
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_31 <- rbind(product_31, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

```
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```

```
#View(product_31)
```

product32nd

Travel Backpack for Men Women, Carry on Backpack Flight Approved, Personal Item Backpack Bag on Airplanes,Backpacks for Traveling, Travel Essentials,Dark Green

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_32 <- data.frame()

for (page in 1:5) {
url32<- paste0("https://www.amazon.com/Rinlist-Backpack-Flight-approved-Traveling-Essentials/product-re
  session32 <- bow(url32, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session32) %>%
      html_nodes(selector) %>%
```

```
      html_text(trim = TRUE)
  }

  productName <- "Travel Backpack for Men Women, Carry on Backpack Flight Approved, Personal Item Backpa
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_32 <- rbind(product_32, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```
#View(product_32)
```

33rdproduct Travel Backpack for Women, Carry On Backpack Airline Approved Personal Item, Waterproof Backpack, Backpack for Women, 17.3" Laptop Backpack, College Bag Casual Daypack for Weekender Hiking

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_33 <- data.frame()

for (page in 1:5) {
url33<- paste0("https://www.amazon.com/Snoffic-TSA-Friendly-Waterproof-Weekender-Traveling/product-revie
  session33 <- bow(url33, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session33) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Travel Backpack for Women, Carry On Backpack Airline Approved Personal Item, Waterproo
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
```

```
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_33 <- rbind(product_33, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```
#View(product_33)
```

34thproduct Travel Backpack Carry on Travel Bag Airline Approved 45L Traveling Laptop Back Pack Flappable Traveling Pack with Stowable Shoulder Straps and Hip Belt Men Women

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_34 <- data.frame()

for (page in 1:5) {
url34<- paste0("https://www.amazon.com/HUNTIT-Backpack-Approved-Traveling-Flappable/product-reviews/B0C
  session34 <- bow(url34, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session34) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Travel Backpack Carry on Travel Bag Airline Approved 45L Traveling Laptop Back Pack F
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]
```

```
  product_34 <- rbind(product_34, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```
#View(product_34)
```

35thproduct Carry on Backpack, Extra Large 50L Airline Approved TSA Travel Backpacks with 3 Packing Cubes for Women Men, USB Charging Expandable Overnight Luggage Daypack Business Suitcase Backpack

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_35 <- data.frame()

for (page in 1:5) {
url35<- paste0("https://www.amazon.com/Backpack-Expandable-Backpacks-Anti-Theft-Weekender/product-revie
  session35 <- bow(url35, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session35) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Carry on Backpack, Extra Large 50L Airline Approved TSA Travel Backpacks with 3 Packi
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_35 <- rbind(product_35, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
```

```
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```
#View(product_35)
```

36thproduct Amazon Basics Ergonomic Backpack, Grey

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_36 <- data.frame()

for (page in 1:5) {
url36<- paste0("https://www.amazon.com/AmazonBasics-NC1708190R2H-Ergonomic-Backpack-Grey/product-reviews
  session36 <- bow(url36, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session36) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Amazon Basics Ergonomic Backpack, Grey"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_36 <- rbind(product_36, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))
```

```
}
```

```
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```

```
#View(product_36)
```

37thproduct Amazon Basics Sport Laptop Backpack - Graphit

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_37 <- data.frame()

for (page in 1:5) {
url37<- paste0("https://www.amazon.com/AmazonBasics-ZH1802045R3-Sports-Backpack-Graphite/product-reviews
  session37 <- bow(url37, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session37) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Amazon Basics Sport Laptop Backpack - Graphite"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_37 <- rbind(product_37, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

```
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```

```
#View(product_37)
```

38thproduct Amazon Basics Sport Laptop Backpack - Graphite

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_38 <- data.frame()

for (page in 1:5) {
url38<- paste0("https://www.amazon.com/AmazonBasics-ZH1802045R3-Sports-Backpack-Graphite/product-reviews
  session38 <- bow(url38, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session38) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Amazon Basics Sport Laptop Backpack - Graphite"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_38 <- rbind(product_38, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```
#View(product_38)
```

39thproduct Backpack Bookbag for College Laptop Travel,Fit Laptop Up to 15.6 inch Multi Compartment with USB Charging Port Anti theft, Gift for Men Women (Purple

```r
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_39 <- data.frame()

for (page in 1:5) {
url39<- paste0("https://www.amazon.com/Backpack-Business-Charging-Resistant-Reflective/product-reviews/
  session39 <- bow(url39, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session39) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Backpack Bookbag for College Laptop Travel,Fit Laptop Up to 15.6 inch Multi Compartmen
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_39 <- rbind(product_39, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```r
#View(product_39)
```

40thproduct

abshoo Classical Basic Travel Backpack For School Water Resistant Bookbag

```r
library(dplyr)
library(rvest)
library(polite)
library(httr)
```

```r
library(selectr)

product_40 <- data.frame()

for (page in 1:5) {
url40<- paste0("https://www.amazon.com/Classical-Backpack-Bookbag-College-Charging/product-reviews/B08G
  session40 <- bow(url40, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session40) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "abshoo Classical Basic Travel Backpack For School Water Resistant Bookbag"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_40 <- rbind(product_40, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```r
#View(product_40)
```

41stproduct Anti Theft Backpack for School Simple Backpack for School Lightweight Casual Daypack Backpacks with USB Charging Port, Small Gym Backpack for Women Fits 15.6 Inch Laptop, Grey

```r
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_41 <- data.frame()

for (page in 1:5) {
```

```
url41<- paste0("https://www.amazon.com/DEVONWIDE-Backpack-Lightweight-Backpacks-Charging/product-reviews
  session41 <- bow(url41, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session41) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Anti Theft Backpack for School Simple Backpack for School Lightweight Casual Daypack B
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_41 <- rbind(product_41, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

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```

```
#View(product_41)
```

42ndproduct DEVONWIDE Anti Theft Backpack for School Simple Backpack for School Lightweight Casual Daypack Backpacks with USB Charging Port, Small Gym Backpack for Women Fits 15.6 Inch Laptop, Grey

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_42 <- data.frame()

for (page in 1:5) {
url42<- paste0("https://www.amazon.com/DEVONWIDE-Backpack-Lightweight-Backpacks-Charging/product-reviews
  session42 <- bow(url42, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session42) %>%
```

```
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "DEVONWIDE Anti Theft Backpack for School Simple Backpack for School Lightweight Casual
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_42 <- rbind(product_42, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

```
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```

```
#View(product_42)
```

43rdproduct

Vans Unisex Kids Alumni Backpack Backpack (pack of 1)

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_43 <- data.frame()

for (page in 1:5) {
url43<- paste0("https://www.amazon.co.uk/Vans-Unisex-Backpack-ALUMNI-BACKPACK/product-reviews/B0B1VPCWZS
  session43 <- bow(url43, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session43) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }
```

```
  productName <- "Vans Unisex Kids Alumni Backpack Backpack (pack of 1)"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_43 <- rbind(product_43, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_43)
```

44th Hype Backpack Rucksack Shoulder Bag - Black with White Speckle - for Boys and Girls, Women and Men - Black White Speckle

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_44 <- data.frame()

for (page in 1:5) {
url44<- paste0("https://www.amazon.co.uk/Hype-Backpack-Rucksack-Shoulder-Bag/product-reviews/B018O3RKL6,
  session44 <- bow(url44, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session44) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Hype Backpack Rucksack Shoulder Bag - Black with White Speckle - for Boys and Girls, W
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_44 <- rbind(product_44, data.frame(
    prod_name = productName,
```

```
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_44)
```

45th OGIO Unisex's Renegade Pro Backpack, M

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_45 <- data.frame()

for (page in 1:5) {
url45<- paste0("https://www.amazon.co.uk/OGIO-Unisex-Renegade-Backpack-Black/product-reviews/B09TQPS7DF
  session45 <- bow(url45, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session45) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "OGIO Unisex's Renegade Pro Backpack, M"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_45 <- rbind(product_45, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

```
#View(product_45)
```

46th

OGIO Renegade RSS Ultimate Heavy-Duty Impact Resistant Laptop/Tablet Backpack

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_46 <- data.frame()

for (page in 1:5) {
url46<- paste0("https://www.amazon.co.uk/OGIO-Renegade-Ultimate-Heavy-Duty-Resistant/product-reviews/B0
  session46 <- bow(url46, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session46) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "OGIO Renegade RSS Ultimate Heavy-Duty Impact Resistant Laptop/Tablet Backpack"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_46 <- rbind(product_46, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))

}

#View(product_46)
```

47th Solo New York Leroy Carry-On Wheeled Duffle Bag, 49L Capacity, Grey, 56cm

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_47 <- data.frame()
```

```
for (page in 1:5) {
url47<- paste0("https://www.amazon.co.uk/Solo-New-York-Wheeled-Capacity/product-reviews/B07T27LZRP/ref=
  session47 <- bow(url47, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session47) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Solo New York Leroy Carry-On Wheeled Duffle Bag, 49L Capacity, Grey, 56cm"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_47 <- rbind(product_47, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_47)
```

48th Slazenger Wheel Reinforced Holdall Travel Storage Luggage Accessories Black One Size

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_48 <- data.frame()

for (page in 1:5) {
url48<- paste0("https://www.amazon.co.uk/Slazenger-Reinforced-Holdall-Storage-Accessories/product-revie
  session48 <- bow(url48, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session48) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Slazenger Wheel Reinforced Holdall Travel Storage Luggage Accessories Black One Size"
```

```
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_48 <- rbind(product_48, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}

#View(product_48)
```

49th Slazenger Unisex Medium Holdall

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_49 <- data.frame()

for (page in 1:5) {
url49<- paste0("https://www.amazon.co.uk/Slazenger-Holdall-Pockets-Storage-Accessories/product-reviews/
  session49 <- bow(url49, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session49) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Slazenger Unisex Medium Holdall"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-b
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_49 <- rbind(product_49, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
```

```
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

```
## No encoding supplied: defaulting to UTF-8.
```

```
#View(product_49)
```

50th

```
library(dplyr)
library(rvest)
library(polite)
library(httr)
library(selectr)

product_50 <- data.frame()

for (page in 1:5) {
url50<- paste0("https://www.amazon.co.uk/Slazenger-Holdall-Pockets-Storage-Accessories/product-reviews/
  session50 <- bow(url50, user_agent = "Educational Purpose")

  scrapeNodes <- function(selector) {
    scrape(session50) %>%
      html_nodes(selector) %>%
      html_text(trim = TRUE)
  }

  productName <- "Slazenger Unisex Medium Holdall"
  scrapedTitle <- scrapeNodes("span.a-size-base.review-title.a-color-base.review-title-content.a-text-bo
  scrapedReviewer <- scrapeNodes("span.a-profile-name")[1:10]
  scrapedReview <- scrapeNodes("span.a-size-base.review-text.review-text-content")[1:10]
  scrapedDate <- scrapeNodes("span.a-size-base.a-color-secondary.review-date")[1:10]
  scrapedRating <- scrapeNodes("span.a-icon-alt")[1:10]
  scrapedType <- scrapeNodes("span.a-size-mini.a-color-state.a-text-bold")[1:10]

  product_50 <- rbind(product_50, data.frame(
    prod_name = productName,
    title = scrapedTitle,
    reviewer = scrapedReviewer,
    review = scrapedReview,
    date = scrapedDate,
    ratings = scrapedRating,
    type_of_purchase = scrapedType
  ))


}
```

```
## No encoding supplied: defaulting to UTF-8.
```

```
#View(product_50)
```

```
all_Prods = data.frame();

all_Prods <- rbind(all_Prods, product_1, product_2, product_3, product_4, product_5, product_6, product
                product_11, product_12, product_13, product_14, product_15, product_16, product_17, proc
                product_21, product_22, product_23, product_24, product_25, product_26, product_27, proc
                product_31, product_32, product_33, product_34, product_35, product_36, product_37, proc
                product_41, product_42, product_43, product_44, product_45, product_46, product_47, proc

#View(all_Prods)
```