

# Homework 4: Writing Functions, Querying an API, and Tidy-Style Functions

Mike Maccia

```
#|message=FALSE
#|warning=FALSE

# Load in necessary packages
suppressPackageStartupMessages(library(tidyverse))
suppressPackageStartupMessages(library(httr))
suppressPackageStartupMessages(library(jsonlite))
```

## Task 1: Conceptual Questions

1. What is the purpose of the `lapply()` function? What is the equivalent `purrr` function?

```
t1_q1 <- "The `lapply()` function is used to apply functions to lists. For example, if we used the function `mean()` within the `lapply()`, we could apply that function to each list element. The equivalent function in the `purrr` package is `map()`, which can be applied to 1 list. There is also `map2()` which can apply functions to 2 lists and then `pmap()` can apply the function to any number of lists"
```

2. Suppose we have a list called `my_list`. Each element of the list is a numeric data frame (all columns are numeric). We want to use `lapply()` to run the code `cor(numeric_matrix, method = "kendall")` on each element of the list. Write code to do this below!

```
#make a numeric list

df_1 <- data.frame(a = 1:5, b = 11:15)
df_2 <- data.frame(c = rnorm(5), d = rnorm(5))
df_3 <- data.frame(e = rnorm(4), f = c(2, 5, 22, 23))

my_list <- list(df_1, df_2, df_3)

t1_q2 <- lapply(my_list, FUN = cor, method = "kendall")
```

### 3. What are two advantages of using purrr functions instead of the BaseR apply family?

```
t1_q3 <- "One advantage of `purrr` over the apply family is that it provides a
`tidyverse` alternative to the `apply()` family, allowing for consistent syntax
and the output is more predictable. Another advantage is that `purrr` allows you
shorthand to make anonymous functions."
```

### 4. What is a side-effect function?

```
t1_q4 <- "Side-effect functions are functions that produce something but do not
change the data. Some examples of side-effect functions include `print()`,
`write_csv()`, or `plot()`"
```

### 5. Why can you name a variable sd in a function and not cause any issues with the sd function?

```
t1_q5 <- "You can name a variable `sd` within a function and not cause any issues
with the `sd` function due to Lexical Scoping. When a function is called, the
environment that the function is performed in is temporary. Once the function is
complete, that variable created within the function is not saved. It only works
within the local function and not the `globalenv()`."
```

**Creating a list with the above question answers**

```
task1_answer_list <- list(t1_q1, t1_q2, t1_q3, t1_q4, t1_q5)
```

## Task 2: Writing R Functions

### Question 1: Create a function to calculate root mean square error

```
#function to getRMSE - first input will be response, 2nd will be predictions, and add
#elipses
getRMSE <- function(resp, pred, ...) {
  #start by getting the squared error
  sq_error <- (resp - pred)^2
  #take mean of squared error, then the square root
  #add ... to allow for additional arguments
  rmse <- sqrt(mean(sq_error, ...))
  #return the root mean square error
  return(rmse)
}
```

### Question 2: Testing our function to get the Root Mean Square Error

Let's create some response and predicted values

```
set.seed(10)
n <- 100
x <- runif(n)
resp <- 3 + 10*x + rnorm(n)
pred <- predict(lm(resp ~ x), data.frame(x))

getRMSE(resp, pred)
```

```
[1] 0.9581677
```

Now will replace 2 response values with missing

```
resp[c(5, 9)] <- NA_real_
```

Let's use my function without specifying how to handle missing values

```
getRMSE(resp, pred)
```

```
[1] NA
```

Let's retest the function specifying how to handle missing values

```
getRMSE(resp, pred, na.rm=T)
```

```
[1] 0.9627749
```

**Question 3: Now let's create a function to calculate the mean absolute deviation.**

```
#function to get the Mean absolute deviation - first input will be response,
#2nd will be predictions, and add ellipses
getMAE <- function(resp, pred, ...) {
  #take the mean of the absolute value of response minus predicted
  mean_abs_dev <- mean(abs((resp - pred)),...)

  #return the mean absolute deviation
  return(mean_abs_dev)
}
```

**Question 4: Testing our function to get the Mean Absolute Deviation**

Let's create some response and predicted values

```
set.seed(10)
n <- 100
x <- runif(n)
resp <- 3 + 10*x + rnorm(n)
pred <- predict(lm(resp ~ x), data.frame(x))

getMAE(resp, pred)
```

```
[1] 0.8155776
```

Now will replace 2 response values with missing

```
resp[c(12, 33)] <- NA_real_
```

Let's use my function without specifying how to handle missing values

```
getMAE(resp, pred)
```

```
[1] NA
```

Let's retest the function specifying how to handle missing values

```
getMAE(resp, pred, na.rm=T)
```

```
[1] 0.8185156
```

**Question 5: Create a wrapper function to return both the Root Mean Square Error and Mean Absolute Deviation with a single call**

```
pred_wrapper <- function(resp, pred, metrics = c("rmse", "mae"), ...) {  
  #first, need to check if input is a vector, atomic, and numeric  
  #will do first for resp input, then for pred input  
  
  if (!(is.vector(resp) && is.atomic(resp) && is.numeric(resp))) {  
    message("Error: 'resp' input must be a numeric atomic vector")  
    return(NULL)  
  }  
  
  if (!(is.vector(pred) && is.atomic(pred) && is.numeric(pred))) {  
    message("Error: 'pred' input must be a numeric atomic vector")  
    return(NULL)  
  }  
  #create a list to store the results  
  
  results <- list()  
  
  #Use root mean square function  
  if ("rmse" %in% metrics) {  
    results[["Root Mean Square Error"]] <- getRMSE(resp, pred, ...)  
  }  
}
```

```

}

#use mean absolute deviation function
if ("mae" %in% metrics){
  results[["Mean Absolute Deviation"]] <- getMAE(resp, pred, ...)
}

#return the list of results
return(results)
}

```

## Question 6: Testing the Wrapper Function

Let's create some response and predicted values

```

set.seed(10)
n <- 100
x <- runif(n)
resp <- 3 + 10*x + rnorm(n)
pred <- predict(lm(resp ~ x), data.frame(x))

```

Let's test the wrapper function first by calling each metric by themselves

First will be for Root Mean Square Error

```

pred_wrapper(resp,pred, metrics = "rmse")

```

```

$`Root Mean Square Error`
[1] 0.9581677

```

Next we will call for Mean Absolute Deviation

```

pred_wrapper(resp,pred, metrics = "mae")

```

```

$`Mean Absolute Deviation`
[1] 0.8155776

```

Now let's call both metrics

```
pred_wrapper(resp,pred, metrics = c("rmse", "mae"))
```

```
$`Root Mean Square Error`  
[1] 0.9581677
```

```
$`Mean Absolute Deviation`  
[1] 0.8155776
```

Now we are going to change 2 response values to missing

```
resp[c(1, 82)] <- NA_real_
```

We will test using the original function, followed by testing indicating to remove missing values

```
pred_wrapper(resp,pred, metrics = c("rmse", "mae"))
```

```
$`Root Mean Square Error`  
[1] NA
```

```
$`Mean Absolute Deviation`  
[1] NA
```

```
pred_wrapper(resp,pred, metrics = c("rmse", "mae"), na.rm=TRUE)
```

```
$`Root Mean Square Error`  
[1] 0.9649399
```

```
$`Mean Absolute Deviation`  
[1] 0.8214778
```

Now, let's create a data frame. We will then test what happens when that is input into the function

```
test_df <- data.frame(  
  letters = 1:6,  
  age = sample(18:45, 6)  
)
```





Next, parse the data using jsonlite package

```
parsed_sports_headlines <- fromJSON(rawToChar(id_sports_headlines$content))
sports_headlines <- as_tibble(parsed_sports_headlines)
sports_headlines$articles
```

	source.id	source.name
1	espn	ESPN
2	espn	ESPN
3	espn	ESPN
4	espn	ESPN
5	<NA>	HYPEBEAST
6	espn	ESPN
7	<NA>	MacRumors
8	espn	ESPN
9	<NA>	Rolling Stone
10	<NA>	HYPEBEAST
11	<NA>	TMZ
12	<NA>	/FILM
13	lenta	Lenta
14	espn	ESPN
15	espn	ESPN
16	<NA>	The New Yorker
17	<NA>	Search Engine Journal
18	espn	ESPN
19	<NA>	Forbes
20	<NA>	HYPEBEAST
21	<NA>	Forbes
22	<NA>	Forbes
23	time	Time
24	<NA>	Forbes
25	<NA>	Forbes
26	<NA>	MLB Trade Rumors
27	espn	ESPN
28	espn	ESPN
29	<NA>	Forbes
30	<NA>	Forbes
31	<NA>	Forbes
32	<NA>	Forbes
33	<NA>	Biztoc.com
34	espn	ESPN
35	<NA>	MLB Trade Rumors

36	<NA>	Forbes
37	fox-sports	Fox Sports
38	espn	ESPN
39	espn	ESPN
40	espn	ESPN
41	<NA>	MLB Trade Rumors
42	<NA>	MLB Trade Rumors
43	<NA>	Forbes
44	<NA>	MLB Trade Rumors
45	espn	ESPN
46	<NA>	MLB Trade Rumors
47	fox-sports	Fox Sports
48	<NA>	MLB Trade Rumors
49	fox-sports	Fox Sports
50	fox-sports	Fox Sports
51	<NA>	TMZ
52	fox-sports	Fox Sports
53	espn	ESPN
54	fox-sports	Fox Sports
55	fox-sports	Fox Sports
56	fox-sports	Fox Sports
57	espn	ESPN
58	espn	ESPN
59	fox-sports	Fox Sports
60	fox-sports	Fox Sports
61	fox-sports	Fox Sports
62	espn	ESPN
63	espn	ESPN
64	<NA>	Deadline
65	espn	ESPN
66	espn	ESPN
67	fox-sports	Fox Sports
68	fox-sports	Fox Sports
69	espn	ESPN
70	espn	ESPN
71	espn	ESPN
72	espn	ESPN
73	espn	ESPN
74	espn	ESPN
75	espn	ESPN
76	<NA>	MLB Trade Rumors
77	espn	ESPN
78	fox-sports	Fox Sports

79	fox-sports	Fox Sports
80	espn	ESPN
81	<NA>	Cracked.com
82	<NA>	MLB Trade Rumors
83	<NA>	MLB Trade Rumors
84	<NA>	MLB Trade Rumors
85	<NA>	MLB Trade Rumors
86	<NA>	Highsnobiety
87	<NA>	Highsnobiety
88	fox-sports	Fox Sports
89	fox-sports	Fox Sports
90	espn	ESPN
91	espn	ESPN
92	espn	ESPN
93	espn	ESPN
94	espn	ESPN
95	espn	ESPN

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

Larry Fleisher, Contributor, \n Larry Fleisher, Contributor\n https://www.forbe  
inf  
Larry Fleisher, Contributor, \n Larry Fleisher, Contributor\n https://www.forbe  
Larry Fleisher, Contributor, \n Larry Fleisher, Contributor\n https://www.forbe  
Daniel R. Epstein, Contributor, \n Daniel R. Epstein, Contributor\n https://www.f  
Larry Fleisher, Contributor, \n Larry Fleisher, Contributor\n https://www.forbe

inf  
inf  
staff@slas

26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68

Larry Fleisher, Contributor, \n Larry Fleisher, Contributor\n <https://www.forb>

Tom Layberger, Contributor, \n Tom Layberger, Contributor\n <https://www.for>

Larry Fleisher, Contributor, \n Larry Fleisher, Contributor\n <https://www.forb>

John Perrotto, Senior Contributor, \n John Perrotto, Senior Contributor\n <https://www.for>

Daniel R. Epstein, Contributor, \n Daniel R. Epstein, Contributor\n <https://www.f>

Tom Layberger, Contributor, \n Tom Layberger, Contributor\n <https://www.for>

69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95

Gueorgui M

t.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15

Dobbins defends claim father played for Yanl  
Sources: Yankees closer Weaver out 4-6 w  
Aaron Judge and Shohei Ohtani both blast home runs in first inning of Yankees-Dodg  
Judge, 18 HRs, insists he's still 'work in progr  
This Nike Dunk Low Roots for the "New York Yank  
Jac jack: Royals' Caglianone belts first ML  
Apple TV+ Announces MLB Friday Night Baseball Schedule for J  
MLB reveals uniforms for 2025 All-Star Game, Home Run De  
Yankees vs. Dodgers: How to Watch the World Series Rema  
Feid Surprises His Fans With 'FERXXO VOL X: Sagra  
Cody Bellinger's Dad Says Yankees' Offseason Haul Better Than Keeping Juan S  
Gary Cooper's Genre-Defining Sports Movie With Babe Ruth Is Streaming For M  
88-  
Rockies' lows: 10th sweep; 3rd-fastest to 50  
Judge, Ohtani lapping field in All-Star vot

16 The Meatpacking District Packs I  
 17 Google I/O 2025: The Background Google Didn't Tell You via @sejournal, @MordyObers  
 18 The 7 MLB execs under the most pressure at the trade dead  
 19 New York Yankees, Boston Red Sox Renew Rivalry In Differing Spots In The AL  
 20 Madhappy Opens First New York City Flag  
 21 As New York Yankees Roll Into Dodger Stadium, They Are Getting Positive Injury  
 22 Yankees Experience Lost Weekend In Boston And Then See Rafael Devers Moved Out Of The AL  
 23 Kim Ng Made Baseball History. Now She's Taking On Soft  
 24 The Yankees Offense Has Completely Stopped Producing  
 25 Pitching Helps New York Yankees Complete One-Third Of Season In Good S  
 26 Yankees Select Jayvien Sandr  
 27 MLB Power Rankings: A brand-new team debuts at N  
 28 What all 30 MLB teams must do before the trade dead  
 29 Hunter Dobbins Enters Red Sox-Yankee Rivalry With Unique Pitching  
 30 Versatile Offense And Stingy Pitching Fuel Tampa Bay Rays' S  
 31 Jazz Chisholm Jr. Smiles His Way Through A Smooth Return For The New York Yan  
 32 Aaron Judge Living Up To Preferred 'Hitter' Label With .396 Avera  
 33 Carlos Carrasco rejoins the Yankees to bolster depleted bull  
 34 The gauntlet of the SEC baseball tournament and what to know going  
 35 The Opener: Burnes, Yankees, Black  
 36 The Red Sox Swindled The Yankees Out Of A Potential All-Star Cat  
 37 Yankees vs. Red Sox: Historic MLB rivalry by the num  
 38 Pride of the Yankees: Three days with Aaron Judge on the road to immorta  
 39 Yankees' Stanton to begin rehab assign  
 40 Stanton continues to progress as Yanks optimis  
 41 The Opener: Yankees, Nationals, Verlander, Shee  
 42 Yankees Notes: Weaver, Stanton, Rice, Stroman, V  
 43 Former Yankees Pitcher Sam Militello Has Had A 'Rewarding' 25 Years With The Tampa Spar  
 44 Yankees Place Carlos Carrasco On Outright Wai  
 45 Yankees place RHP de los Santos (elbow) on  
 46 Yankees To Select Carlos Carrasco; Jake Woodford Triggers Opt  
 47 Yankees' struggles, Dodgers' depth, and big homers: The World Series reunion had it  
 48 Yankees Reportedly Interested In Right-Handed Bat, Rotation  
 49 Who are the top 10 New York Yankees of all t  
 50 Yankees call players only meeting to address 3 straight scoreless lo  
 51 Diddy Trial Juror Dismissed by Judge Over Residency I  
 52 Yankees vs. Dodgers top questions: What's at stake in this star-studded ser  
 53 Passan's early MLB trade deadline preview: Latest intel on all 30 t  
 54 Dodgers' Mookie Betts is day-to-day after injuring his left toe in mi  
 55 Last Night in Baseball: Yankees give New York fans something to cheer ab  
 56 2025 MLB odds: Back Yankees to win American Lea  
 57 Preview: Top storylines, prospects and major leaguers for all t  
 58 Judge 1-for-12 as NY swept: Got to swing at str

59 Yankees having Billy Joel bobblehead giveaway on July 11 vs. C  
 60 Last Night in Baseball: The Yankees Have Lost 6 in a Row (But Weren't Shut Out)  
 61 Last Night in Baseball: Giancarlo Stanton is (Also) Injured  
 62 June MLB games on ESPN: Yankees-Red Sox, Mets-Phillies, Yankees-Braves  
 63 L.A.'s Betts day-to-day after stubbing toe in minor league game  
 64 UTA Signs Director D.J. Carr  
 65 Rangers catcher Heim exits early with hand injury  
 66 Torre to be honorary AL coach for All-Star Game  
 67 Dodgers, Yankees haven't 'skipped a beat' despite injuries  
 68 2025 MLB power rankings: Tigers jump, Dodgers best Yankees again  
 69 Yanks finally score, otherwise sputter in latest game  
 70 Yanks' bats 'in a little rut,' blanked in 3rd straight game  
 71 Guardians put Hedges on IL after 5th concussion  
 72 Yanks' Cabrera cites 'small possibility' he'll re-sign  
 73 In need of depth, Yanks call up vet RHP Carr  
 74 Aaron, Bret renew Boone Bowl in Yanks-Rangers game  
 75 Angels catcher O'Hoppe hit in head by backswing  
 76 Dominic Smith Opts Out Of Minor League Deal With Yankees  
 77 NYC native Moore posts 1st MLB hit vs. Yankees  
 78 Dodgers rout: LA scores most runs ever in a game against New York  
 79 Yankees avoid getting swept by Dodgers despite hitless night from Aaron Judge  
 80 Yankees place reliever Cruz on IL due to shoulder injury  
 81 20 Times 'SNL' Was Hosted by Two or More People  
 82 Cooper Hummel Triggers Release Clause In Deal With Yankees  
 83 Yankees Planning To Place Luke Weaver On Injured List  
 84 Yankees Considering Starts For Ben Rice At Catcher  
 85 Yankees' Jake Cousins Dealing With Potential UCL Injury  
 86 Madhappy In the City (EXCLUS  
 87 It's a Polo Shirt Kind of Summer  
 88 Jazz is back! Chisholm Jr. hits a solo shot in injury return to help Yankees  
 89 Dodgers vs. Yankees: Which team has the edge at each position? Here's our pick  
 90 Judge homers off Red Sox rookie after jab at Yankees  
 91 Yanks' Weaver gets PRP injection in hamstring  
 92 Dodgers' Betts (toe) progressing, eyes quick return  
 93 Death of Gardner's son still under investigation  
 94 Yanks' Chisholm likely to play 3B as return from injury  
 95 Hard tag reignites Chisholm's feud with Gardner

1  
 2  
 3  
 4  
 5 Name: Nike Dunk Low "New York Yankees"SKU: IM2222-101Colorway: White/Midnight Navy-Black

6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48

Apple and Major League Baseball this week announced the July schedule for Friday Night Baseball.

SummaryThe Colombian star revealed several tracks on Twitch last week. The album features a collaboration with J Balvin. Any Yankees fans still shedding tears over Juan Soto's Pinstripes?

Aaron Judge, the slugger who leads the majors in batting average, and Shohei Ohtani. As the marlins look to make a move, Baseball meets AI in Google I/O.

SummaryMadhappy has opened its doors to the brand's first-ever New York City flagship store.

The Yankees announced today that they have selected the contract of left-hander Jacob deGrom. Hunter Dobbin.

On the heels of an early morning trade, here are three things we'll be keeping an eye on.

Here are four things we'll be keeping an eye on around the baseball world throughout the season. Yankees manager Aaron Boone provided the media (including the New York Post's Greg.

The Yankees have placed right-hander Carlos Carrasco on outright waivers, reports Jon Heyman.

Right-hander Jake Woodford has opted out of his minor league deal with the Yankees.

The Yankees are "aggressively" searching for a right-handed bat to add to their lineup.



49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91

Diddy's federal jury in NYC is bringing in an alternate ... beca

EXCLUSIVE: UTA has signed filmmaker D.J. Caruso for representation in all areas. Car

Dominic Smith has become a free agent after triggering the opt-out clause in his mi  
Los Angeles Angels second baseman Christian Moore, 22, a New York Ci

Ryan Yarbrough 1.  
New York Yankees reliever M

Utility player Cooper Hummel has triggered a release clause in his minor league dea  
The Yankees expect to place closer Luke Weaver on the 15-day injured list, reports J  
The Yankees are set to welcome Giancarlo Stanton back from the injured list in the m  
Yankees reliever Jake Cousins has yet to pitch in the majors this season due to a f

Aaron Judge hit one of his two home runs Sunday night off Red Sox rookie  
Yankees closer Luke Weaver, who is out four to six w

Dodgers shortstop  
More than t

18

39 [https://www.espn.com/mlb/story/\\_/id/45434376/mlb-2025-early-trade-deadline](https://www.espn.com/mlb/story/_/id/45434376/mlb-2025-early-trade-deadline)

40 [https://www.espn.com/mlb/story/\\_/id/45434376/mlb-2025-early-trade-deadline](https://www.espn.com/mlb/story/_/id/45434376/mlb-2025-early-trade-deadline)

41 <https://www.mlbtraderumors.com/2025/06/yankees-to-trade-gerrit-cole>

42 <https://www.mlbtraderumors.com/2025/06/yankees-to-trade-gerrit-cole>

43 <https://www.forbes.com/sites/tomlayberger/2025/06/16/former-yankees-pitcher-sam-militero-expected-to-sign-with-the-yankees>

44 <https://www.mlbtraderumors.com/2025/06/yankees-to-trade-gerrit-cole>

45 [https://www.espn.com/mlb/story/\\_/id/45544164/yankees-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45544164/yankees-trade-gerrit-cole)

46 <https://www.mlbtraderumors.com/2025/06/yankees-to-trade-gerrit-cole>

47 <https://www.foxsports.com/stories/mlb/yankees-trade-gerrit-cole>

48 <https://www.mlbtraderumors.com/2025/05/yankees-trade-gerrit-cole>

49 <https://www.foxsports.com/stories/mlb/yankees-trade-gerrit-cole>

50 <https://www.foxsports.com/stories/mlb/yankees-trade-gerrit-cole>

51 <https://www.foxsports.com/stories/mlb/yankees-trade-gerrit-cole>

52 <https://www.foxsports.com/stories/mlb/yankees-trade-gerrit-cole>

53 [https://www.espn.com/mlb/story/\\_/id/45434376/mlb-2025-early-trade-deadline](https://www.espn.com/mlb/story/_/id/45434376/mlb-2025-early-trade-deadline)

54 <https://www.foxsports.com/stories/mlb/dodgers-trade-gerrit-cole>

55 <https://www.foxsports.com/stories/mlb/last-night>

56 <https://www.foxsports.com/stories/mlb/last-night>

57 [https://www.espn.com/college-sports/story/\\_/id/45450537/college-baseball-supershow](https://www.espn.com/college-sports/story/_/id/45450537/college-baseball-supershow)

58 [https://www.espn.com/mlb/story/\\_/id/45519614/aaron-judge](https://www.espn.com/mlb/story/_/id/45519614/aaron-judge)

59 <https://www.foxsports.com/stories/mlb/yankees-trade-gerrit-cole>

60 <https://www.foxsports.com/stories/mlb/last-night>

61 <https://www.foxsports.com/stories/mlb/last-night>

62 [https://www.espn.com/mlb/story/\\_/id/45461444/yankees-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45461444/yankees-trade-gerrit-cole)

63 [https://www.espn.com/mlb/story/\\_/id/45461444/yankees-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45461444/yankees-trade-gerrit-cole)

64 [https://www.espn.com/mlb/story/\\_/id/45461444/yankees-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45461444/yankees-trade-gerrit-cole)

65 [https://www.espn.com/mlb/story/\\_/id/45260568/rangers-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45260568/rangers-trade-gerrit-cole)

66 [https://www.espn.com/mlb/story/\\_/id/45260568/rangers-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45260568/rangers-trade-gerrit-cole)

67 <https://www.foxsports.com/stories/mlb/yankees-trade-gerrit-cole>

68 <https://www.foxsports.com/stories/mlb/2025-mlb-power-rankings-tigers-rise>

69 [https://www.espn.com/mlb/story/\\_/id/45461444/yankees-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45461444/yankees-trade-gerrit-cole)

70 [https://www.espn.com/mlb/story/\\_/id/45461444/yankees-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45461444/yankees-trade-gerrit-cole)

71 [https://www.espn.com/mlb/story/\\_/id/45461444/yankees-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45461444/yankees-trade-gerrit-cole)

72 [https://www.espn.com/mlb/story/\\_/id/45461444/yankees-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45461444/yankees-trade-gerrit-cole)

73 [https://www.espn.com/mlb/story/\\_/id/45461444/yankees-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45461444/yankees-trade-gerrit-cole)

74 [https://www.espn.com/mlb/story/\\_/id/45244164/yankees-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45244164/yankees-trade-gerrit-cole)

75 [https://www.espn.com/mlb/story/\\_/id/45338856/angels-catch-up](https://www.espn.com/mlb/story/_/id/45338856/angels-catch-up)

76 <https://www.mlbtraderumors.com/2025/06/dodgers-trade-gerrit-cole>

77 [https://www.espn.com/mlb/story/\\_/id/45461444/yankees-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45461444/yankees-trade-gerrit-cole)

78 <https://www.foxsports.com/stories/mlb/yankees-trade-gerrit-cole>

79 <https://www.foxsports.com/stories/mlb/yankees-avoid-gerrit-cole>

80 [https://www.espn.com/mlb/story/\\_/id/45461444/yankees-trade-gerrit-cole](https://www.espn.com/mlb/story/_/id/45461444/yankees-trade-gerrit-cole)

81 <https://www.cracked.com/article-34561-yankees-trade-gerrit-cole.html>

82 <https://www.mlbtraderumors.com/2025/05/coop>  
 83 <https://www.mlbtraderumors.com/2025/06/>  
 84 <https://www.mlbtraderumors.com/2025/>  
 85 <https://www.mlbtraderumors.com/>  
 86  
 87  
 88 <https://www.foxsports.com/stories/mlb/chisholm-hits-tiebreaking-homer-in>  
 89 <https://www.foxsports.com/stories/mlb/new>  
 90 [https://www.espn.com/mlb/story/\\_/id/45477377/aaron-judge-hom](https://www.espn.com/mlb/story/_/id/45477377/aaron-judge-hom)  
 91 [https://www.espn.com/mlb/story/\\_/id/45466619/y](https://www.espn.com/mlb/story/_/id/45466619/y)  
 92 [https://www.espn.com/mlb/story/\\_/id/4542585](https://www.espn.com/mlb/story/_/id/4542585)  
 93 [https://www.espn.com/mlb/story/\\_/](https://www.espn.com/mlb/story/_/)  
 94 [https://www.espn.com/mlb/story/\\_/id/4](https://www.espn.com/mlb/story/_/id/4)  
 95 <https://www.espn.com/mlb/story/>  
  
 1 <https://a2.espncdn.com/>  
 2 <https://a.espncdn.com/>  
 3 <https://a3.espncdn.com/>  
 4 <https://a.espncdn.com/>  
 5 <https://image-cdn.hypb.st/https%3A%2F%2Fhypebeast.com%2Fimage%2F2025%2F05%2F27%2Fnike-dunl>  
 6 <https://a2.espncdn.com/>  
 7 <https://images.macrumors.com/t/wlNIDxVqRPoiQ6FrX5G6wrl>  
 8 <https://a.espncdn.com/combiner/i?img=%2F>  
 9 <https://www.rollingstone.com/wp->  
 10 <https://image-cdn.hypb.st/https%3A%2F%2Fhypebeast.com%2Fimage%2F2025%2F06%2F09%2Ffeid-fe>  
 11 <https://imagez.tnz>  
 12 <https://www.slashfilm.com/img/gallery/gary-coopers-genre-defining-sp>  
 13 <https://icdn.lenta.ru/images/2025/>  
 14 <https://a4.espncdn.com/>  
 15 <https://a3.espncdn.com/>  
 16 <https://media.newyork>  
 17 <https://w>  
 18 <https://a3.espncdn.com/>  
 19 <https://imageio.forbes.com/specials-images/imageserve/68431f>  
 20 <https://image-cdn.hypb.st/https%3A%2F%2Fhypebeast.com%2Fimage%2F2025%2F06%2F03%2Fmadhap>  
 21 <https://imageio.forbes.com/specials-images/imageserve/683a64>  
 22 <https://imageio.forbes.com/specials-images/imageserve/684f76>  
 23 <https://api.time.com/wp-cont>  
 24 <https://imageio.forbes.com/specials-images/imageserve/685303>  
 25 <https://imageio.forbes.com/specials-images/imageserve/6837a9>  
 26 <https://cdn.mlbtraderumors.com/files>  
 27 <https://a.espn>  
 28 <https://a3.espncdn.com/>

29 <https://imageio.forbes.com/specials-images/imageserve/6846811>  
 30 <https://imageio.forbes.com/specials-images/imageserve/68522af44c0726c9dc87c8ea/0x0.jpg?>  
 31 <https://imageio.forbes.com/specials-images/imageserve/683fe2>  
 32 <https://imageio.forbes.com/specials-images/imageserve/68302f>  
 33  
 34 <https://a.espncdn.com/>  
 35 <https://cdn.mll>  
 36 <https://imageio.forbes.com/specials-images/imageserve/6831d4>  
 37 <https://a57.foxsports.com/statics.foxsports.com/www>  
 38 <https://a1.espncdn.com>  
 39 <https://a2.espncdn.com>  
 40 <https://a3.espncdn.com>  
 41 <http>  
 42 <http>  
 43 <https://imageio.forbes.com/specials-images/imageserve/684ee794d7ab8fd00d3c7697/0x0.jpg?f>  
 44 <https://cdn>  
 45 <https://a.espncdn.com>  
 46 <http>  
 47 <https://a57.foxsports.com/statics.foxsports.com/www.foxsports>  
 48 <https://cdn.r>  
 49 <https://a57.foxsports.com/statics.foxsports.com/www.foxsports.com>  
 50 <https://a57.foxsports.com/statics.foxsports.com/www.foxsports>  
 51 <https://imagez.tzm>  
 52 <https://a57.foxsports.com/statics.foxsports.com/www.foxsp>  
 53 <https://a.espncdn.com/>  
 54 <https://a57.foxsports.com/statics.foxsports.com/www>  
 55 <https://a57.foxsports.com/statics.foxsports.com/www.foxspor>  
 56 <https://a57.foxsports.com/statics.foxsports.com/www.fo>  
 57 <https://a3.espncdn.com/>  
 58 <https://a2.espncdn.com>  
 59 <https://a57.foxsports.com/statics.foxsports.com/w>  
 60 <https://a57.foxsports.com/statics.foxsports.com/www.fo>  
 61 <https://a57.foxsports.com/statics.foxsports.com/www..>  
 62 <https://a3.espncdn.com>  
 63 <https://a3.espncdn.com>  
 64 <https://deadline.com/wp-content/uploads/202>  
 65 <https://a.espncdn.com>  
 66 <https://a.espncdn.com>  
 67 <https://a57.foxsports.com/statics.foxsports.com/www.foxsp>  
 68 <https://a57.foxsports.com/statics.foxsports.com>  
 69 <https://a2.espncdn.com>  
 70 <https://a2.espncdn.com>  
 71 <https://a2.espncdn.com>

72		<a href="https://a1.espncdn.com">https://a1.espncdn.com</a>
73		<a href="https://a1.espncdn.com">https://a1.espncdn.com</a>
74		<a href="https://a4.espncdn.com">https://a4.espncdn.com</a>
75		<a href="https://a3.espncdn.com">https://a3.espncdn.com</a>
76		<a href="https://cdn.mlbtl.com">https://cdn.mlbtl.com</a>
77		<a href="https://a3.espncdn.com">https://a3.espncdn.com</a>
78	<a href="https://a57.foxsports.com/statics.foxsports.com/www.foxsports.com">https://a57.foxsports.com/statics.foxsports.com/www.foxsports.com</a>	
79	<a href="https://a57.foxsports.com/statics.foxsports.com/www.foxsports.com">https://a57.foxsports.com/statics.foxsports.com/www.foxsports.com</a>	
80		<a href="https://a4.espncdn.com">https://a4.espncdn.com</a>
81		
82		<a href="http://a1.espncdn.com">http://a1.espncdn.com</a>
83		<a href="http://a1.espncdn.com">http://a1.espncdn.com</a>
84		<a href="http://a1.espncdn.com">http://a1.espncdn.com</a>
85		<a href="https://a1.espncdn.com">https://a1.espncdn.com</a>
86		<a href="https://www.foxsports.com">https://www.foxsports.com</a>
87		<a href="https://www.foxsports.com">https://www.foxsports.com</a>
88	<a href="https://a57.foxsports.com/statics.foxsports.com/www.foxsports.com">https://a57.foxsports.com/statics.foxsports.com/www.foxsports.com</a>	
89	<a href="https://a57.foxsports.com/statics.foxsports.com/www.foxsports.com">https://a57.foxsports.com/statics.foxsports.com/www.foxsports.com</a>	
90		<a href="https://a1.espncdn.com">https://a1.espncdn.com</a>
91		<a href="https://a2.espncdn.com">https://a2.espncdn.com</a>
92		<a href="https://a3.espncdn.com">https://a3.espncdn.com</a>
93		<a href="https://a1.espncdn.com">https://a1.espncdn.com</a>
94		<a href="https://a3.espncdn.com">https://a3.espncdn.com</a>
95		<a href="https://a2.espncdn.com">https://a2.espncdn.com</a>

	publishedAt
1	2025-06-12T00:05:02Z
2	2025-06-03T03:05:38Z
3	2025-05-31T03:36:18Z
4	2025-05-25T01:35:56Z
5	2025-05-28T04:21:59Z
6	2025-06-19T20:07:07Z
7	2025-06-06T17:24:59Z
8	2025-06-16T21:20:44Z
9	2025-05-31T10:00:00Z
10	2025-06-09T17:02:46Z
11	2025-05-30T07:30:48Z
12	2025-06-09T19:45:00Z
13	2025-06-16T06:46:34Z
14	2025-06-01T22:20:02Z
15	2025-06-16T23:06:18Z
16	2025-06-09T10:00:00Z
17	2025-05-23T12:00:28Z
18	2025-06-16T11:38:14Z

19 2025-06-06T17:08:44Z  
20 2025-06-03T18:54:24Z  
21 2025-05-31T02:10:27Z  
22 2025-06-16T02:28:03Z  
23 2025-06-06T11:00:00Z  
24 2025-06-18T19:25:00Z  
25 2025-05-29T00:26:02Z  
26 2025-06-19T14:15:57Z  
27 2025-05-22T12:06:09Z  
28 2025-06-10T11:24:06Z  
29 2025-06-09T07:47:08Z  
30 2025-06-18T13:42:57Z  
31 2025-06-04T06:09:35Z  
32 2025-05-23T11:00:29Z  
33 2025-06-01T23:05:18Z  
34 2025-05-20T12:05:38Z  
35 2025-06-02T14:17:45Z  
36 2025-05-24T14:23:06Z  
37 2025-06-06T16:09:52Z  
38 2025-06-12T11:36:33Z  
39 2025-06-10T15:51:12Z  
40 2025-06-05T15:36:55Z  
41 2025-06-18T13:40:43Z  
42 2025-06-07T18:21:49Z  
43 2025-06-16T13:14:53Z  
44 2025-06-02T19:25:34Z  
45 2025-06-19T15:36:26Z  
46 2025-06-01T17:56:48Z  
47 2025-06-02T19:25:40Z  
48 2025-05-25T22:32:25Z  
49 2025-05-30T19:11:42Z  
50 2025-06-18T17:31:31Z  
51 2025-06-16T13:16:59Z  
52 2025-05-30T13:54:07Z  
53 2025-06-03T11:20:39Z  
54 2025-05-31T15:29:32Z  
55 2025-05-22T14:10:42Z  
56 2025-05-23T15:50:02Z  
57 2025-06-05T12:37:29Z  
58 2025-06-15T22:36:53Z  
59 2025-05-21T15:21:34Z  
60 2025-06-19T14:53:52Z  
61 2025-06-17T14:49:13Z

62 2025-06-06T17:06:17Z  
63 2025-05-31T00:39:30Z  
64 2025-06-02T17:39:08Z  
65 2025-05-22T01:23:16Z  
66 2025-06-17T18:09:41Z  
67 2025-05-30T21:47:31Z  
68 2025-06-02T19:14:12Z  
69 2025-06-19T04:40:07Z  
70 2025-06-18T04:08:13Z  
71 2025-06-06T23:50:20Z  
72 2025-06-05T23:05:50Z  
73 2025-06-01T22:09:55Z  
74 2025-05-20T23:51:54Z  
75 2025-05-27T05:35:41Z  
76 2025-06-01T21:34:24Z  
77 2025-06-17T05:37:20Z  
78 2025-06-01T04:08:44Z  
79 2025-06-02T04:06:43Z  
80 2025-05-22T16:38:29Z  
81 2025-06-18T14:00:00Z  
82 2025-05-23T00:49:31Z  
83 2025-06-03T03:04:51Z  
84 2025-06-12T03:01:43Z  
85 2025-06-12T14:39:07Z  
86 2025-06-03T15:49:08Z  
87 2025-05-31T16:48:18Z  
88 2025-06-04T03:05:58Z  
89 2025-05-29T22:24:42Z  
90 2025-06-09T04:39:28Z  
91 2025-06-06T22:25:49Z  
92 2025-06-01T22:36:56Z  
93 2025-06-12T21:37:38Z  
94 2025-05-31T02:26:03Z  
95 2025-06-11T05:07:41Z

1 Jun 11, 2025, 07:48 PM ET\r\nBOSTON -- Red Sox rookie Hunter Dobbins made some headlines  
2 In a significant blow to the first-place New York Yankees, closer Luke Weaver is expected  
3 Baseball fans were treated to a major showdown Friday night, as the Los Angeles Dodgers a  
4 May 24, 2025, 09:25 PM ET\r\nDENVER -- Aaron Judge insisted he doesn't pay too much attention  
5 Name: Nike Dunk Low "New York Yankees"SKU: IM2222-101Colorway: White/Midnight Navy-Ph  
6 Jun 19, 2025, 03:59 PM ET\r\nARLINGTON, Texas -- Jac Caglianone has his first career home run  
7 Apple and Major League Baseball this week announced the July schedule for Friday Night  
8 Major League Baseball unveiled its uniforms for the 2025 All-Star Weekend on Monday, inspi



9 If you purchase an independently reviewed product or service through a link on our web  
10 Summary\r\n<ul><li>The Colombian star revealed several tracks on Twitch last week.</li>  
11 Any Yankees fans still shedding tears over Juan Soto's Pinstripes departure can go al  
12 "The Pride of the Yankees" was nominated for 11 Academy Awards that year, including  
13  
14 Another series, another sweep as the Colorado Rockies continue to make history for a  
15 Jun 16, 2025, 06:50 PM ET\r\nAaron Judge and Shohei Ohtani, who have combined to win f  
16 You pronounce John T. Jobbagys last name with the accent on the first syllable: Joe-  
17 On March 29, 2025, the New York Yankees hit a franchise record nine home runs in one g  
18 The Boston Red Sox might be the best embodiment of the emotional swings that teams go t  
19 New York Yankees' Aaron Judge runs to second base for a double during the fourth inn  
20 Summary\r\n<ul><li>Madhappy has opened its doors to the brand's first-ever New York Ci  
21 New York Yankees' Jazz Chisholm Jr. runs to first base during a baseball game against t  
22 New York Yankees' Aaron Judge reacts after striking out in the third inning of a baseba  
23 Kim Ng, who became the first female GM in the history of major North American mens pro  
24 New York Yankees' Aaron Judge walks to the dugout during the sixth inning of a basebal  
25 New York Yankees starting pitcher Max Fried (54) in the sixth inning of a baseball gam  
26 The Yankees announced today that they have selected the contract of left-hander Jay  
27 May 22, 2025, 07:00 AM ET\r\nThe Detroit Tigers have continued their meteoric rise up our  
28 More than a week into June, it's now too late to be early in the 2025 MLB season.\r\nWi  
29 Boston Red Sox pitcher Hunter Dobbins did not allow a walk or get a strikeout in his Yan  
30 NEW YORK: José Caballero and Jonathan Aranda of the Tampa Bay Rays celebrate after de  
31 New York Yankees' Jazz Chisholm Jr. follows through on a single during the fifth inn  
32 New York Yankees' Aaron Judge during the first inning of a baseball game against the N  
33 { window.open(this.href, '\_blank'); }, 200); return false;"&gt;Why did airlines scr  
34 There was the Siege of Constantinople in 717. There was the Philadelphia Election Riot  
35 On the heels of an early morning trade, here are three things we'll be keeping an eye on  
36 New York Mets' Luis Torrens, left, is tagged out by Boston Red Sox catcher Carlos Na  
37 The New York Yankees and Boston Red Sox will square off for the first time in the 20  
38 AARON JUDGE LAUGHED when I asked him about nap time. He's got a four-month-old daught  
39 Jun 10, 2025, 11:34 AM ET\r\nYankees slugger Giancarlo Stanton will begin a rehab assignm  
40 Fingers seemingly crossed, New York Yankees manager Aaron Boone implied good news is r  
41 Here are four things we'll be keeping an eye on around the baseball world throughout the  
42 Yankees manager Aaron Boone provided the media (including the New York Post's Greg J  
43 Sam Militello hugs a player after the University of Tampa won the Division-II national ch  
44 The Yankees have placed right-hander Carlos Carrasco on outright waivers, reports Joe  
45 Jun 19, 2025, 11:19 AM ET\r\nThe New York Yankees placed reliever Yerry de los Santos on  
46 Right-hander Jake Woodford has opted out of his minor league deal with the Yankees a  
47 In the end, this was just another regular season series with brighter lights. But mar  
48 The Yankees are "aggressively" searching for a right-handed bat to add to their liner  
49 The New York Yankees are the most successful professional franchise in the history of  
50 The New York Yankees' offense is drifting toward uncharted territory and not in a good  
51 Diddy's federal jury in NYC is bringing in an alternate ... because a juror has just b

52 The New York Yankees had seven months to think about their fifth-inning collapse in G  
 53 The calls began in recent days, cursory in nature but loaded with meaning. MLB trade o  
 54 Mookie Betts was out of the Los Angeles Dodgers lineup against the New York Yankees on  
 55 There is always baseball happening almost too much baseball for one person to handle th  
 56 It was a nightmare offseason for the defending American League champion Yankees. \r\nI  
 57 The opening weekend of the NCAA baseball tournament is in the books, and it was an entir  
 58 BOSTON -- Aaron Judge blamed himself for swinging at pitches outside the strike zone as  
 59 "The Piano Man" will be commemorated at Yankee Stadium this summer, as the New York Y  
 60 There is always baseball happening almost too much baseball for one person to handle th  
 61 There is always baseball happening almost too much baseball for one person to handle th  
 62 ESPN's "Sunday Night Baseball" presented by Capital One heats up during the month of Ju  
 63 May 30, 2025, 08:17 PM ET\r\nLOS ANGELES -- Mookie Betts is out of the Los Angeles Dodg  
 64 EXCLUSIVE:UTA has signed filmmaker D.J. Caruso for representation in all areas.\r\nCaru  
 65 May 21, 2025, 09:05 PM ET\r\nNEW YORK -- Texas Rangers catcher Jonah Heim left Wednes  
 66 Hall of Fame manager Joe Torre, who guided the New York Yankees to four World Series  
 67 The Los Angeles Dodgers and New York Yankees continue their three-game series this Sat  
 68 The Phillies vaulted into the top spot in our power rankings for the first time only to  
 69 NEW YORK -- The good news for the Yankees on Wednesday was they scored a run after 30 o  
 70 NEW YORK -- For nearly three months, the New York Yankees arguably had the best offense  
 71 CLEVELAND -- Guardians catcher Austin Hedges has been placed on the seven-day concussio  
 72 NEW YORK -- Less than a month after undergoing surgery on a fractured left ankle, Oswa  
 73 LOS ANGELES -- The New York Yankees, in need of a fresh arm after Saturday's blowout lo  
 74 NEW YORK -- For the first time in two decades, the Boone brothers will be in opposite o  
 75 May 27, 2025, 01:17 AM ET\r\nANAHEIM, Calif. -- Angels catcher Logan O'Hoppe left Monday  
 76 Dominic Smith has become a free agent after triggering the opt-out clause in his min  
 77 Jun 17, 2025, 01:25 AM ET\r\nNEW YORK -- Christian Moore's first visit to Yankee Stadi  
 78 Max Muncy hit two three-run homers and tied his career high with seven RBIs, helping th  
 79 Ryan Yarbrough limited baseballs best offense to four hits over six innings, Ben Ric  
 80 May 22, 2025, 12:16 PM ET\r\nNEW YORK -- New York Yankees reliever Fernando Cruz was p  
 81 Technically its 21, because the Smothers Brothers did it twice. Sue us.\r\nThe 11th ep  
 82 Utility player Cooper Hummel has triggered a release clause in his minor league deal  
 83 The Yankees expect to place closer Luke Weaver on the 15-day injured list, reports J  
 84 The Yankees are set to welcome Giancarlo Stanton back from the injured list in the re  
 85 Yankees reliever Jake Cousins has yet to pitch in the majors this season due to a fla  
 86 Madhappy, the sunny-go-lucky Californian clothing label, is finally heading back east  
 87 Move over, tank tops. There's a new shirt of the summer in town, and it's surprisingly  
 88 Jazz Chisholm Jr. hit a tiebreaking home run in his return from a month on the injure  
 89 Player by player, the New York Yankees and Los Angeles Dodgers feature two of the most h  
 90 NEW YORK -- The Yankees-Red Sox rivalry, a historic feud running on fumes in recent ye  
 91 NEW YORK -- Yankees closer Luke Weaver had a platelet rich plasma injection in his in  
 92 LOS ANGELES -- Sunday marked the first time Los Angeles Dodgers shortstop Mookie Bet  
 93 Jun 12, 2025, 05:27 PM ET\r\nMore than two months after the death of Miller Gardner, th  
 94 NEW YORK -- Yankees infielder Jazz Chisholm Jr. could be reinstated from the injured

**Question 3: Building a function to search the API**

```

build_newsapi_url <- function(subject, start_date, api_key) {
  #base url from website
  base_url <- "https://newsapi.org/v2/everything?"

  #checking date format is correct - just make a simple stop if incorrect format
  is_valid_date <- function (dates){
    grepl("^\\d{4}-\\d{2}-\\d{2}$", dates)
  }
  if (!is_valid_date(start_date)){
    stop("start_date must be in 'yyyy-mm-dd' format")
  }

  #construct the full url
  url <- paste0(base_url,
                "q=", subject,
                "&from=", start_date,
                "&apikey=", api_key)

  #now call the api
  topic_search <- httr::GET(url)

  #take the data using `fromJSON` to make readable
  parsed_topic_search <- fromJSON(rawToChar(topic_search$content))
  #make the results a tibble
  search_results <- as_tibble(parsed_topic_search)
  #call the article df from the previous tibble
  search_results$articles
}

```

```

build_newsapi_url("gamestop", "2025-06-12", "e09f041046584e7c85072592a8add194")

```

	source.id	source.name
1	<NA>	Slashdot.org
2	<NA>	Gizmodo.com
3	<NA>	Yahoo Entertainment

4	<NA>	GameSpot
5	<NA>	Android Authority
6	ign	IGN
7	<NA>	Yahoo Entertainment
8	<NA>	Biztoc.com
9	<NA>	Geeksaresexy.net
10	<NA>	TechSpot
11	<NA>	Yahoo Entertainment
12	<NA>	Unwire.hk
13	<NA>	Tom's Hardware UK
14	<NA>	Yahoo Entertainment
15	<NA>	Hdblog.it
16	<NA>	Yahoo Entertainment
17	<NA>	Technews.tw
18	<NA>	Cointelegraph
19	<NA>	Cointelegraph
20	<NA>	Cointelegraph
21	<NA>	Yahoo Entertainment
22	<NA>	Yahoo Entertainment
23	<NA>	Yahoo Entertainment
24	<NA>	Antyweb.pl
25	<NA>	GameSpot
26	<NA>	Yahoo Entertainment
27	<NA>	AOL
28	<NA>	ComicBook.com
29	<NA>	Itc.ua
30	<NA>	Overclockers.ru
31	<NA>	Forbes
32	<NA>	PC Games
33	<NA>	Yahoo Entertainment
34	<NA>	Overclockers.ru
35	bild	Bild
36	<NA>	Leganerd.com
37	<NA>	Techpowerup.com
38	<NA>	ComicBook.com
39	<NA>	Techpowerup.com
40	<NA>	My Nintendo News
41	<NA>	Yahoo Entertainment
42	<NA>	Yahoo Entertainment
43	<NA>	Overclockers.ru
44	<NA>	Everyeye.it
45	<NA>	Cointelegraph
46	<NA>	GameSpot

47	<NA>	Yahoo Entertainment
48	<NA>	Gagadget.com
49	<NA>	Everyeye.it
50	<NA>	Ferra.ru
51	<NA>	Android Headlines
52	<NA>	CNA
53	<NA>	Yahoo Entertainment
54	<NA>	PlayStation LifeStyle
55	<NA>	Ithome.com
56	<NA>	My Nintendo News
57	<NA>	Bitcoinist
58	<NA>	Yahoo Entertainment
59	<NA>	Yahoo Entertainment
60	<NA>	PC Games
61	<NA>	Forbes
62	<NA>	The Daily Hodl
63	<NA>	Thefly.com
64	<NA>	Yahoo Entertainment
65	<NA>	Expressen.se
66	<NA>	Biztoc.com
67	<NA>	Biztoc.com
68	<NA>	GamesRadar+
69	<NA>	GamesRadar+
70	<NA>	The Daily Hodl
71	<NA>	Cointelegraph
72	<NA>	Biztoc.com
73	<NA>	Biztoc.com
74	<NA>	Biztoc.com
75	<NA>	Biztoc.com
76	<NA>	ETF Daily News
77	<NA>	ETF Daily News
78	<NA>	ComicBook.com
79	<NA>	Forbes
80	<NA>	ETF Daily News
81	<NA>	Decrypt
82	<NA>	Biztoc.com
83	<NA>	Biztoc.com
84	<NA>	ETF Daily News
85	<NA>	Biztoc.com
86	<NA>	Biztoc.com
87	<NA>	Biztoc.com
88	<NA>	ETF Daily News
89	<NA>	Biztoc.com

90	<NA>	Cnbeta.com.tw
91	<NA>	Cointelegraph
92	<NA>	Biztoc.com
93	<NA>	Biztoc.com
94	<NA>	BeInCrypto
95	<NA>	ZyCrypto
96	<NA>	Decrypt
97	<NA>	Cointelegraph
98	<NA>	Ambcrypto.com
99	<NA>	Biztoc.com

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32

editors@tom

Billy Bambrough, Senior Contributor, \n Billy Bambrough, Senior Contributor\n h

33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75

Nina Bambyшева, Forbes Staff, \n Nina Bambyшева, Forbes Staff\n h

scott.mccrae90

76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16

Maya Gandara, Forbes Staff, \n Maya Gandara, Forbes Staff\n <https://www.forbes.com/sites/>

\$1.4 million worth of Switch 2 consoles stolen from semi-trailers  
2,800 consoles were en route from Nintendo of America HQ to a GameStop store in Texas

GameStop to Double-Down on 'High Margin Potential'

Thieves

\$1.4 million worth of Switch 2 consoles stolen from semi-trailers  
2,800 consoles were en route from Nintendo of America HQ to a GameStop store in Texas

GameStop Spent Over \$1.4 Million to Recover Stolen Consoles



17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59

Prediction: Down 66% From All-Time Highs, GameStop Could Be on the Verge of Going Parabol

Be  
Borderlands 4 PC M  
(  
(

To  
GameStop shares plun

Stock mar  
Stock marke

60 Der größte Streik  
61  
62 GME Tumbles After GameStop A  
63  
64  
65  
66 GameStop shares plun  
67  
68  
69 Forget the \$100 and \$130 Deluxe editions, Borderlands 4 has a "p  
70 GameStop Handing \$4,500,000 T  
71  
72  
73  
74  
75  
76  
77 What's Next?  
78  
79  
80  
81  
82 GameSt  
83 GameStop shares plun  
84  
85  
86  
87  
88  
89 Prediction: Down 66% From All-Time Highs, GameStop Could Be on the Verge of Going Parabo  
90  
91 Las acciones de GameStop caen un 22% tras au  
92  
93 CEO R  
94  
95  
96  
97  
98  
99

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43

Borderlands 4,

44

45

46

47

48

49

50

51

52

53

54

55

IT 6 18

Switch 2

56

57

58

59

60

61

62

63

64

65

66

Getty Images

67

68

69

70

71

72

73

74

75

76

Get Free Report) traded up 3.5% during mid-day trading on Friday . The stock traded as high a

77

Get Free Report)'s stock had its "underperform" rating reiterated by equities research analy

78

79

80

Free Report) by 100.6% in the first quarter, HoldingsChannel.com reports. The institutional

81

82

83

84

Free Report) - Equities research analysts at Wedbush decreased their Q1 2027 EPS estimates f

85

86

87

88

Free Report) - Equities researchers at Wedbush increased their Q2 2026 earnings per share es

89

90                   NS2   \r\n·                   GameStop --                   ns2

91

92

93

94

95

96

but SharpLink Gaming's fall takes the cake on a busy week.

97

98

99

1

2

3

4

5

6

<https://www.ign.com/articles/gamestop-to-double->

7

8

9

10

11

12

13 <https://www.tomshardware.com/video-games/nintendo/usd1-4-million-worth-of-switch-2-conso>

14

15

16

17

18

19

20

21

<https://overclockers.ru/blog/mo>

<https://www.pcgames.de/Nintendo-Switch-2-K>

<https://overclockers.ru/blog/cool-gadgets>

<https://www.bild.de/unterha>

<https://www.tech>

<https://www.techpowerup.com/3380>

<https://overclockers>

<https://ww>

<https://www.>

<https://www.>

<https://www.>

<https://finance.yahoo.com/news/live>

<https://finance.yahoo.com/news/live/st>

<https://www.pcgames.de/>

<https://www>

<https://dailyhodl.com/2025/06/12/gme>

65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99

1  
2  
3  
4  
5  
6  
7

<https://www.gamesradar.com/games/borderlands/forget-the-usd100-and-usd130-deluxe-editions/>  
<https://dailyhodl.com/2025/06/14/gamestop/>

8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50



51

52 [https://dam.mediacorp.sg/image/upload/s--WbFvhLcV--/fl\\_relative,g\\_south\\_east,l\\_mediacorp:](https://dam.mediacorp.sg/image/upload/s--WbFvhLcV--/fl_relative,g_south_east,l_mediacorp:)

53

54

55

56

57

58

<https://s.>

59

<https://s.>

60

61

62

63

64

<https://s.>

65

66

67

68

69

70

71

<https://s.>

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94  
95  
96  
97  
98  
99

	publishedAt
1	2025-06-13T20:10:00Z
2	2025-06-18T20:30:33Z
3	2025-06-18T12:35:19Z
4	2025-06-12T18:36:00Z
5	2025-06-19T07:11:33Z
6	2025-06-13T10:57:19Z
7	2025-06-15T15:31:00Z
8	2025-06-16T17:50:31Z
9	2025-06-12T15:42:54Z
10	2025-06-18T13:47:00Z
11	2025-06-12T13:54:30Z
12	2025-06-18T06:10:04Z
13	2025-06-18T12:35:19Z
14	2025-06-18T08:35:00Z
15	2025-06-19T09:05:00Z
16	2025-06-13T13:57:59Z
17	2025-06-18T03:00:40Z
18	2025-06-13T09:39:02Z
19	2025-06-12T00:20:00Z
20	2025-06-13T06:07:10Z
21	2025-06-12T14:27:25Z
22	2025-06-15T14:00:00Z
23	2025-06-19T08:21:00Z
24	2025-06-19T12:29:00Z
25	2025-06-17T19:48:00Z
26	2025-06-13T15:50:08Z
27	2025-06-13T22:07:37Z
28	2025-06-13T13:09:41Z
29	2025-06-12T11:00:10Z
30	2025-06-17T11:35:30Z
31	2025-06-13T12:15:05Z
32	2025-06-19T14:30:00Z
33	2025-06-12T14:00:00Z
34	2025-06-19T09:57:31Z
35	2025-06-16T15:25:56Z
36	2025-06-18T16:45:23Z

37 2025-06-17T05:28:22Z  
38 2025-06-16T20:08:28Z  
39 2025-06-17T05:28:22Z  
40 2025-06-13T09:51:34Z  
41 2025-06-14T13:00:00Z  
42 2025-06-16T20:35:18Z  
43 2025-06-17T12:36:31Z  
44 2025-06-19T10:32:00Z  
45 2025-06-17T08:09:05Z  
46 2025-06-16T15:01:00Z  
47 2025-06-12T19:00:06Z  
48 2025-06-18T16:34:47Z  
49 2025-06-12T09:35:00Z  
50 2025-06-19T16:30:00Z  
51 2025-06-19T19:57:23Z  
52 2025-06-13T22:07:37Z  
53 2025-06-12T16:20:51Z  
54 2025-06-19T18:32:02Z  
55 2025-06-18T02:09:16Z  
56 2025-06-17T21:08:30Z  
57 2025-06-13T04:00:54Z  
58 2025-06-12T13:31:09Z  
59 2025-06-12T13:31:09Z  
60 2025-06-14T15:00:00Z  
61 2025-06-18T10:30:00Z  
62 2025-06-12T18:41:44Z  
63 2025-06-12T16:00:04Z  
64 2025-06-12T02:27:01Z  
65 2025-06-18T21:22:22Z  
66 2025-06-12T18:39:38Z  
67 2025-06-12T14:43:54Z  
68 2025-06-17T10:51:50Z  
69 2025-06-17T15:44:15Z  
70 2025-06-14T17:48:51Z  
71 2025-06-19T15:15:00Z  
72 2025-06-12T13:47:55Z  
73 2025-06-15T15:15:55Z  
74 2025-06-15T16:10:51Z  
75 2025-06-12T15:06:56Z  
76 2025-06-15T09:36:57Z  
77 2025-06-13T06:20:56Z  
78 2025-06-12T14:09:51Z  
79 2025-06-19T16:39:16Z

80 2025-06-14T08:51:03Z  
81 2025-06-13T21:09:13Z  
82 2025-06-12T04:29:34Z  
83 2025-06-12T16:36:21Z  
84 2025-06-13T07:18:52Z  
85 2025-06-19T21:50:52Z  
86 2025-06-12T14:10:50Z  
87 2025-06-12T14:32:42Z  
88 2025-06-15T05:58:47Z  
89 2025-06-12T14:33:37Z  
90 2025-06-17T07:05:39Z  
91 2025-06-13T12:15:00Z  
92 2025-06-13T14:12:07Z  
93 2025-06-13T14:44:20Z  
94 2025-06-12T16:13:08Z  
95 2025-06-12T13:28:01Z  
96 2025-06-13T21:58:59Z  
97 2025-06-12T00:30:00Z  
98 2025-06-13T09:00:52Z  
99 2025-06-13T16:02:13Z

1 Cohen has said that continuing to focus on trading cards, including the incredil  
2 The Switch 2 is in pretty high demand. Like, so high that it's leading to cartoon  
3 If you click 'Accept all', we and our partners, including 238 who are part of tl  
4 GameStop is leaning heavily to trading cards as part of it's future strategy, accor  
5 <ul><li>In a high-stakes heist, thieves stole 2,810 units of the newly released l  
6 GameStop\r\n is doubling-down on trading cards.\r\nIn its 2025 Annual Meeting\r\n, CEO  
7 If you click 'Accept all', we and our partners, including 240 who are part of tl  
8 { window.open(this.href, '\_blank'); }, 200); return false;"&gt;Why did Metaplan  
9 Its been a long eight years since The Legend of Zelda Collectors Edition Chess S  
10 What just happened? Thieves have made off with almost 3,000 Switch 2 consoles af  
11 If you click 'Accept all', we and our partners, including 240 who are part of tl  
12 Switch 2 2810 Switch 2 140 HK\$1,092 \r\n 6 8 8 Bennett Switch 2 Redmond G  
13 The sheriff of Arapahoe County in Colorado said that 2,810 Nintendo Switch 2 cons  
14 If you click 'Accept all', we and our partners, including 238 who are part of tl  
15 Un carico di ben 2.810 Nintendo Switch 2 è stato rubato da un autoarticolato neg  
16 We recently published a list of Investors Are Dumping These 10 Stocks. GameStop Cor  
17 3,000 Swit  
18 Video game and consumer electronics retailer GameStop has increased its planned p  
19 GameStop (GME) shares fell 11.7% in after-hours trading after announcing a \$1.75  
20 Bitcoin has tumbled closer to the psychologically important \$100,000 price level, c  
21 If you click 'Accept all', we and our partners, including 240 who are part of tl  
22 If you click 'Accept all', we and our partners, including 240 who are part of tl

23 If you click 'Accept all', we and our partners, including 238 who are part of the  
24 Spektakularna kradzie Nintendo Switch 2 szczegóły zdarzenia\r\nDo zdarzenia prawie  
25 The Samsung Pro Plus is one of the best microSD cards for Steam Deck, and the 1TB  
26 If you click 'Accept all', we and our partners, including 240 who are part of the  
27 (Reuters) -Trump Media and Technology Group said on Friday that the U.S. Securities  
28 On June 13th, many gamers woke up to an email about the Aldana v. GameStop Class  
29 . . Trump Media and Technology Group (TMTG) BTC \$2,5 . , - , . 15%, MSCI World 3,6% 13,3%  
30 Borderlands 4, Steam , Gearbox Software 2K . , NVIDIA GeForce RTX 2070 AMD Radeon RX 5  
31 Bitcoin has fallen sharply after Israel launched a devastating attack on Iran over  
32 Nach dem erfolgreichen Launch der Switch 2 könnte man meinen, die Flut an guten  
33 If you click 'Accept all', we and our partners, including 240 who are part of the  
34 Nintendo Switch 2, , . , , , Nintendo. , , - Nintendo of America GameStop , . 1,4 , .  
35 Große Freude und dann der Schock! Der Verkaufsstart der neuen Nintendo Switch 2 so  
36 Un furto clamoroso ha colpito la filiera distributiva della Nintendo Switch 2, e  
37 Gearbox and 2K today opened Borderlands 4 pre-orders, with the rather unexpected  
38 Borderlands 4 is up for pre-order, including the Collector's Edition. However, the  
39 Gearbox and 2K today opened Borderlands 4 pre-orders, with the rather unexpected  
40 It seems GameStop isn't convinced anymore than its turbulent future isn't in view  
41 If you click 'Accept all', we and our partners, including 240 who are part of the  
42 If you click 'Accept all', we and our partners, including 238 who are part of the  
43 Gearbox 2K Borderlands 4, 69,99 , , 80 AAA. Steam , , .\r\n, Borderlands 4 64- , 16  
44 GameStop e gamelife lanciano una nuova iniziativa: nei negozi della catena è ora  
45 Genius Group, a Singapore-based artificial intelligence education company, expands  
46 Borderlands 4 launches on PS5, Xbox Series X|S, and PC on September 12, and pre  
47 (Reuters) -Prominent short-seller Jim Chanos has questioned Strategy's valuation  
48  
49 Una estate di grandi sconti ti aspetta da GameStop e gamelife con i Super Gamer  
50  
51 The Nintendo Switch 2 is a hot commodity, so much so that the theft of the console  
52 Trump Media and Technology Group said on Friday that the U.S. Securities and Exchange  
53 If you click 'Accept all', we and our partners, including 240 who are part of the  
54 A fresh Nintendo Switch 2 restock has finally made the console available to buy again  
55  
56 A delivery truck driver had a nasty surprise earlier today in Colorado when he  
57 GameStop has told investors it plans to raise \$1.75 billion through convertible  
58 US stocks pulled back on Thursday as more data showed milder inflation pressures, e  
59 US stocks edged higher on Thursday as more data showed milder inflation pressures,  
60 Mit dem rasanten Fortschritt von Künstlicher Intelligenz geraten Arbeitsbedingungen  
61 So called crypto treasury companies, public firms that focus on acquiring digital  
62 GameStop (GME) stocks are falling following the announcement of a proposal to poten  
63  
64 NEW YORK (AP) U.S. stock indexes ticked higher on Thursday following another encour  
65 Det var den 8 juni som Arapahoes poliskontor i Colorado, USA, larmades till en ras

66 GameStop shares plummet 20% as the video-game retailer announces new capital r  
67 GameStop stock tumbled Thursday on a \$1.75 billion offering, potentially for bi  
68 Nintendo Switch 2 stock is springing back into action this week, with planned res  
69 Borderlands 4\r\n is going to have \$70, \$100, and \$130 versions available, depending  
70 GameStop is preparing to distribute millions of dollars to customers to settle all  
71 How Bitcoin rose amid soaring US debt \r\nWhile Washington, DC printed trillions, Bit  
72 At 9:36 am ET, the company's shares  
73 In This Article:Key Points-CEO Ryan Cohen has helped stabilize GameStop's busin  
74 In This Article:Key Points-GameStop's profits have improved, but sales continue  
75 In This Article:Key Points-GameStop announced the company is raising more capita  
76 GameStop Corp. (NYSE:GME - Get Free Report) traded up 3.5% during mid-day trading  
77 GameStop (NYSE:GME - Get Free Report)'s stock had its "underperform" rating reit  
78 It's been 8 years since the original The Legend of Zelda chess set was released :  
79 Independence Day isnt until next month, but some of the best 4th of July sales ar  
80 UMB Bank n.a. grew its holdings in GameStop Corp. (NYSE:GME -  
Free Report) by 100.6% in the first quarter, HoldingsChannel.com reports. The institutional :  
81 In brief\r\n<ul><li>GameStop upsized its latest offering of convertible senior not  
82 A cryptocurrency named after GameStop Corp. (NYSE:GME) blasted to triple-digit g  
83 Shares of GameStop, the video game retailer that recently pivoted to Bitcoin inv  
84 GameStop Corp. (NYSE:GME - Free Report) - Equities research analysts at Wedbush o  
85 GameStop (NYSE:GME) has outperformed the market over the past 5 years by 67.1% o  
86 In This Article:GameStop (GME) stock plummeted as much as 19% in early trading  
87 Shares of GameStop Corp (NYSE:GME) are falling Thursday after the company announ  
88 GameStop Corp. (NYSE:GME - Free Report) - Equities researchers at Wedbush increas  
89 Prediction: Down 66% From All-Time Highs, GameStop Could Be on the Verge of Goin  
90  
91 La cadena minorista de videojuegos y electrónica de consumo GameStop aumentó su c  
92 In This Article:We recently published a list of Investors Are Dumping These 10 S  
93 GameStop says it plans to focus on the trading-card business moving forward. Th  
94 La tendencia de establecer reservas estratégicas de Bitcoin a menudo beneficia a  
95  
96 In brief\r\n<ul><li>Circle's stock surged again Friday as signs of stablecoin inter  
97 Las acciones de GameStop (GME) cayeron un 11,7% en las operaciones posteriores a  
98 <ul><li>GameStop stock plunged after announcing a \$1.75B convertible note offerin  
99 In This Article:GameStop (GME) CEO Ryan Cohen said at the companys annual shareh