

Assignment #9: Choose one of the New York Times APIs, construct an interface in R to read in the JSON data, and transform it into an R DataFrame.

James Mundy – Used NYT Best Seller App querying Book API, by genre. Found the function that queries the NYT API for the data set, then converted the data using fromJSON & as_tibble, and fed them into the shiny app, reading input from the user in order to modify the query to the user's interest.

<https://github.com/MundyMSDS/DATA607/blob/master/helpers.R>
https://github.com/MundyMSDS/DATA607/blob/master/books_api.Rmd
https://mundymsds.shinyapps.io/books_api/

Suwarman Sufian – Analysed the most popular articles. Elegant code, treatment of error http_error (r), exploratory visualization with a remarkable conclusion : « The impeachment stories/articles are mostly from US News Sections. Looks like the world does not really care.»

<http://rpubs.com/ssufian/543492>

Fan Xu – Using Article Search API on 2019, set up a filter for pages 1-5. Consolidating outputs, display using kable_styling with scroll_box. Nice color palette in visualization.

<http://rpubs.com/oggyluky11/543655>

Michael Yampol – Extracted Halloween articles. Elegant light code using fromJSON function, nice example of reading the extracts with kable before forming a data frame.

<http://rpubs.com/myampol/MY-DATA607-Week09-NYTimes-API>

Uliana Plotnikova – Found the most popular Facebook articles. Light code using fromJSON and as.data.frame functions, nice display using kable_styling with scroll_box.

Devanshu Mehrotra – presented results of movies' Critics Picks. Light code : fromJSON(url, flatten = TRUE), nice display

<http://rpubs.com/DevanshuMehrotra/543465>

Jai Jeffries – Played with Books API. Nice attempt to flatten the nested JSON data using unnest() from tidyr. An extra exercise of importing the results into MongoDB: definitely, students improvise their own challenges in this course!

<http://rpubs.com/PnoJai/542722>

Avy Adler – Investigated Archives API, analysing Sept 2001 for “terrorism” and 1945 for “Churchill”. Interesting treatment of errors, inventive process of filling a data frame, using only the libraries httr and data.table.

https://rpubs.com/Avraham/DT607_HW9

Forhad Akbar and Shovan Biswas - From Books API's best seller list, filtered out author Harari, then used Article Search API on “Iran+Nuclear”. Light code : fromJSON(url, flatten = TRUE), pipes, kable display.

http://rpubs.com/forhadakbar/data607_assignment09

