

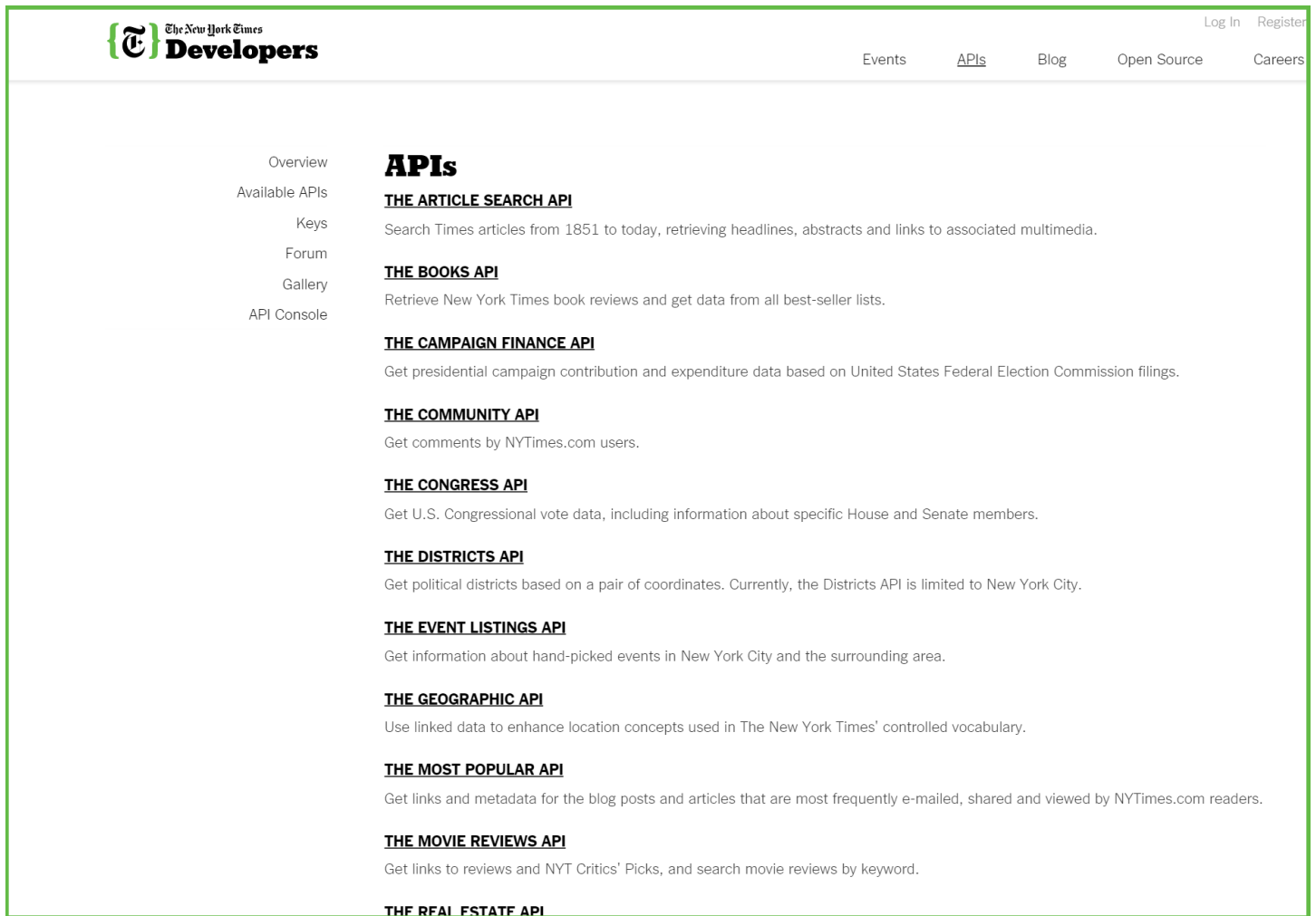
# Assignment – Web APIs



The New York Times web site provides a rich set of APIs, as described here: <https://developer.nytimes.com/apis>

You'll need to start by signing up for an API key.

Your task is to 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.



The screenshot shows the 'The New York Times Developers' website. The header includes the logo, navigation links (Events, APIs, Blog, Open Source, Careers), and user links (Log In, Register). A sidebar on the left lists: Overview, Available APIs, Keys, Forum, Gallery, and API Console. The main content area is titled 'APIs' and lists several APIs with their descriptions:

- THE ARTICLE SEARCH API**: Search Times articles from 1851 to today, retrieving headlines, abstracts and links to associated multimedia.
- THE BOOKS API**: Retrieve New York Times book reviews and get data from all best-seller lists.
- THE CAMPAIGN FINANCE API**: Get presidential campaign contribution and expenditure data based on United States Federal Election Commission filings.
- THE COMMUNITY API**: Get comments by NYTimes.com users.
- THE CONGRESS API**: Get U.S. Congressional vote data, including information about specific House and Senate members.
- THE DISTRICTS API**: Get political districts based on a pair of coordinates. Currently, the Districts API is limited to New York City.
- THE EVENT LISTINGS API**: Get information about hand-picked events in New York City and the surrounding area.
- THE GEOGRAPHIC API**: Use linked data to enhance location concepts used in The New York Times' controlled vocabulary.
- THE MOST POPULAR API**: Get links and metadata for the blog posts and articles that are most frequently e-mailed, shared and viewed by NYTimes.com readers.
- THE MOVIE REVIEWS API**: Get links to reviews and NYT Critics' Picks, and search movie reviews by keyword.
- THE REAL ESTATE API**