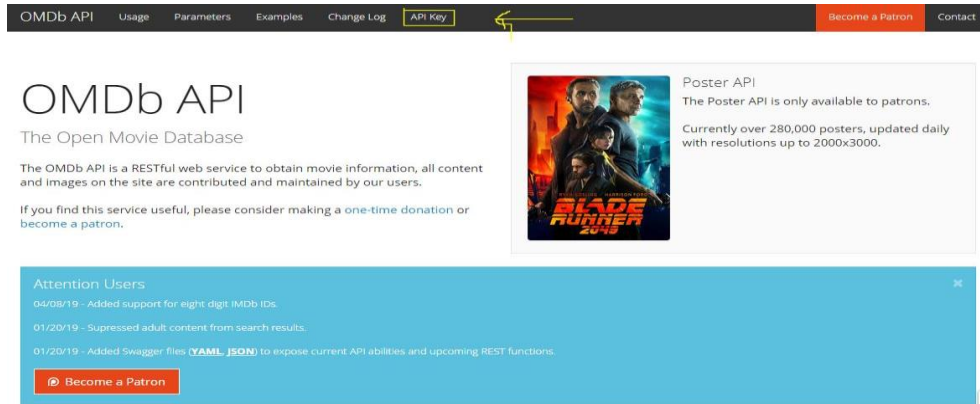


<http://www.omdbapi.com/>

Above website gives us the API for movie information. You have to create an account for a free API.

Create your API key as per bellow steps-

Step -1: Click **API Key** in the web site.

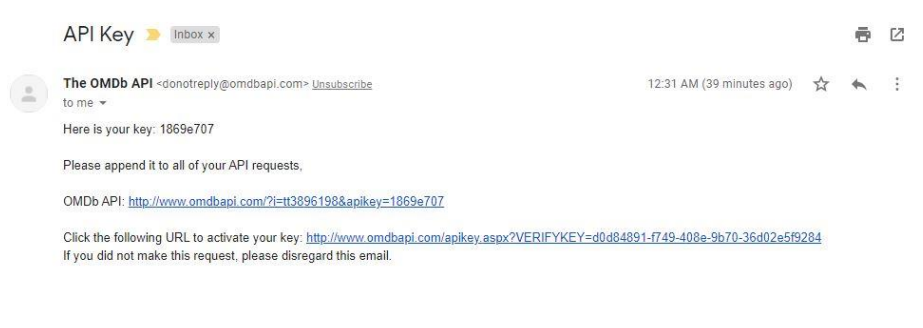


Step -2: Fill up the form as bellow with your email.

API Key

The image shows the 'Generate API Key' form on the OMDb API website. At the top, there is an orange banner with a message about disposable/temporary emails being purged. The form itself has a title 'Generate API Key' and a 'Submit' button. It contains several input fields: 'Account Type' with radio buttons for 'Patreon' and 'FREE! (1,000 daily limit)'; 'Email' with the value 'jayantashuva077@gmail.com'; 'Name' with two input fields for 'Jayanta' and 'Shuva'; and 'Use' with the value 'Learning'. There is also a text area for a short description of the application or website that will use this API.

Step 3: After filling it up you will get your API Key in the email and a link for API activation. Click that link for activating your API.



You can search a movie information by its title. Suppose you want to search information for “Titanic”. Try as bellow –

Examples

A screenshot of the OMDb API search interface. It shows a search form with fields for Title, Year, Plot, and Response. The Title field is filled with 'Titanic'. Below the form, the Request URL is shown as 'http://www.omdbapi.com/?t=Titanic'. The Response field shows a JSON string containing movie details for Titanic.

The URL for this request will be like –

<http://www.omdbapi.com/?t=Titanic&apikey=<your api key>>

If you extract the “Title, Released, Internet Movie Database Rating, Rotten Tomatoes Rating” information from the returned json string and write it in a csv file, then the output will be like attached csv file (***Titanic_Movies.csv***).

Your Assignment -

Use the bellow list –

movie_names = ['Joker', 'WALL-E', 'Psycho']

Using python programming extract the above-mentioned information and write those in a csv file. The desired output csv file has been attached (***Movies.csv***).