

```
final df = df[FIELDS]
    #final df.set index('source.id', inplace = True)
    display(final_df.head())
def news api(self):
   # Use the news-api to obtain articles published from
   url = ('https://newsapi.org/v2/everything?'
   'apiKey=4e70cabb80884db08524a28ac33cdc1d'.format(keyword = self.keyword))
    response = requests.get(url)
   if (response.status code == 200):
       print('API call successful!')
       json_response = response.json()
       if(len(json_response['articles']) == 0):
           print('No News Articles Found')
        else:
           # Print a String in Json Format
           self.json_print(json_response)
           # Create a pandas DataFrame
           self.create_dataframe(json_response)
    else:
       print('Status code: ', response.status_code)
```

[3]: class Web_Scraping:

4.0 1.16 /..16 1...61...\.

HTMLPage = BeautifulSoup(webpage, 'html.parser')

for lists in HTMLPage.find all(class = 'result'):

titles.append(lists.span.text)

if (lists.span.text != '' and len(lists.find_all('p')) != 0):

description.append(lists.find('p', class_ = '').text)

titles = []
description = []
links = []

```
description.append(lists.find('p', class = '').text)
                     links.append(lists.find('p', class_ = 'search-link').text)
             # Create a DataFrame
             df = pd.DataFrame(list(zip(titles, description, links)),
                    columns =['title', 'description', 'link'])
             display(df)
             # Store to csv file
             df.to_csv('ws.csv', sep=',', index=False, header=True)
             print('Web Scraping Successful!')
[*]: keyword = input('Enter Keyword to be searched: ').lower()
     w_api = Weather_API(keyword)
     w_api.news_api()
     location = input('Enter Location: ').lower()
     ws = Web Scraping('India')
     ws.selenium webdriver()
                 "publishedAt": "1970-01-01T00:00:00Z",
                 "source": {
                     "id": null,
                     "name": "[Removed]"
                 "title": "[Removed]",
                 "url": "https://removed.com",
                 "urlToImage": null
             }
         "status": "ok",
         "totalResults": 4669
```

titles.appenu(iists.span.cext)