25-04-2023

```
In [14]:
              from bs4 import BeautifulSoup as bs
In [15]:
              import requests
In [16]:
              url="https://www.worldometers.info/coronavirus/"
In [17]:
              page=requests.get(url)
           2
              print(page)
         <Response [200]>
In [18]:
              soup=bs(page.content)
In [19]:
             htmlcontent=page.content
              print(htmlcontent)
         b'\n<!DOCTYPE html>\n<!--[if IE 8]> <html lang="en" class="ie8"> <![endif]-
         ->\n<!--[if IE 9]> <html lang="en" class="ie9"> <![endif]-->\n<!--[if !IE]>
         <!-->\n<html lang="en">\n<!--<![endif]-->\n\n\n\n<head>\n
         ="utf-8">\n
                         <meta http-equiv="X-UA-Compatible" content="IE=edge">\n
         meta name="viewport" content="width=device-width, initial-scale=1">\n\n
         <title>COVID - Coronavirus Statistics - Worldometer</title>\n
         ="description" content="Daily and weekly updated statistics tracking the nu
         mber of COVID-19 cases, recovered, and deaths. Historical data with cumulat
         ive charts, graphs, and updates.">\n\n\n
                                                      \n\t<!-- Favicon -->\n\t<link r</pre>
         el="shortcut icon" href="/favicon/favicon.ico" type="image/x-icon">\n\tlin
         k rel="apple-touch-icon" sizes="57x57" href="/favicon/apple-icon-57x57.pn
         g">\n\t<link rel="apple-touch-icon" sizes="60x60" href="/favicon/apple-icon
         -60x60.png">\n\t<link rel="apple-touch-icon" sizes="72x72" href="/favicon/a
         pple-icon-72x72.png">\n\t<link rel="apple-touch-icon" sizes="76x76" href="/
         favicon/apple-icon-76x76.png">\n\t<link rel="apple-touch-icon" sizes="114x1</pre>
         14" href="/favicon/apple-icon-114x114.png">\n\t<link rel="apple-touch-icon"
         sizes="120x120" href="/favicon/apple-icon-120x120.png">\n\t<link rel="apple
         -touch-icon" sizes="144x144" href="/favicon/apple-icon-144x144.png">\n\t<li
         nk rel="apple-touch-icon" sizes="152x152" href="/favicon/apple-icon-152x15
In [20]:
              table=soup.find("table",id="main_table_countries_today")
In [21]:
              table=table.find("tbody")
 In [ ]:
```

tr=table and row

td=table and data

```
In [24]:
      rows=table.find_all("tr",style="")
In [25]:
      rows
Out[25]: [
     World
     686,612,727
     +39,642
     6,860,360
     +114
     659,165,521
     +39,385
     20,586,846
     39,465
     88,086
     880.1
     All
     <!-- 1 Case every X -->
     . / . . . . . .
```

```
In [26]:
                 covid info=[]
              1
                 for i in rows:
              2
              3
                      col=i.find all("td")
                      country info=[c.text for c in col]
              4
              5
                      covid info.append(country info)
                 print(covid_info)
              6
           [['', 'World', '686,612,727', '+39,642', '6,860,360', '+114', '659,165,52
           1', '+39,385', '20,586,846', '39,465', '88,086', '880.1', '', '', 'Al
           1', '\n', '', '', '', ''], ['1', 'USA', '106,580,794', '', '1,159,313
', '', '104,487,016', '', '934,465', '1,414', '318,337', '3,463', '1,176,47
5,889', '3,513,911', '334,805,269 ', 'North America', '3', '289', '0', '',
               , '2,791'], ['2', 'India', '44,905,827', '', '531,369
               '', '44,311,078', '', '63,380', 'N/A', '31,924', '378', '925,077,322',
            '657,654', '1,406,631,776 ', 'Asia', '31', '2,647', '2', '', '', '45'],
            ['3', 'France', '39,951,432', '', '166,289
            ', '', '39,641,446', '', '143,697', '869', '609,159', '2,535', '271,490,18
                '4,139,547', '65,584,518', 'Europe', '2', '394', '0', '', '', '2,19
            1'], ['4', 'Germany', '38,396,459', '', '172,635
           ', '', '38,183,200', '+4,000', '40,624', 'N/A', '457,735', '2,058', '122,33 2,384', '1,458,359', '83,883,596 ', 'Europe', '2', '486', '1', '', '48
           4'], ['5', 'Brazil', '37,407,232', '', '701,215
', '', '36,249,161', '', '456,856', 'N/A', '173,701', '3,256', '63,776,16
           6', '296,146', '215,353,593 ', 'South America', '6', '307', '3', '', '', '2,121'], ['6', 'Japan', '33,664,545', '+12,475', '74,407
             , '+18', '21,725,273', '', '11,864,865', '59', '268,062', '592', '99,703,1
In [29]:
                number=[]
              2
                 country=[]
              3 total cases=[]
                new case=[]
              4
              5 total death=[]
                 new death=[]
In [30]:
              1
                 for i in covid info:
              2
                      number.append(i[0])
              3
                      country.append(i[1])
              4
                      total cases.append(i[2])
              5
                      new case.append(i[3])
              6
                      total death.append(i[4])
              7
                      new death.append(i[5])
```

```
In [31]:
              print(number,country,total cases,new case,total death,new death)
          ['', '1', '2', '3', '4', '5', '6', '7', '8', '9', '10', '11', '12', '13',
          <sup>1</sup>14<sup>1</sup>, '17', '18', '19', '20', '21', '22', '23', '24', '25', '26', '27', '2
          8', '29', '30', '32', '33', '34', '35', '36', '37', '38', '39', '40', '41',
          '42', '43', '44', '45', '46', '47', '48', '49', '50', '51', '52', '53', '5
          4', '55', '56', '57', '58', '59', '60', '61', '62', '63', '64', '65', '66',
              ', '68', '69', '70', '71', '72', '73', '74', '75', '76', '77', '78', '7
          9', '80', '81', '82', '83', '84', '85', '86', '87', '88', '89', '90', '91',
          '92', '93', '94', '95', '96', '97', '98', '99', '100', '101', '103', '104', '105', '106', '107', '108', '109', '110', '111', '112', '113', '114', '11
          5', '116', '117', '118', '119', '120', '121', '122', '123', '124', '125',
          '126', '127', '128', '129', '130', '131', '132', '133', '134', '135', '13
          6', '137', '138', '139', '140', '141', '142', '143', '144', '145', '146',
          '147', '149', '150', '151', '152', '153', '154', '155', '156', '157', '15
          8', '159', '160', '161', '162', '163', '164', '165', '166', '167', '168',
          '169', '170', '171', '172', '173', '174', '175', '176', '177', '178', '17
          9', '180', '181', '182', '183', '184', '185', '186', '187', '188', '189',
          '190', '191', '192', '193', '194', '195', '196', '197', '198', '200', '20
          1', '202', '203', '204', '205', '206', '207', '208', '209', '211', '212',
                '215', '216', '217', '218', '219', '220', '221', '222', '224', '22
In [32]:
              data={"Number":number, "Country":country, "Total_cases":total_cases}
In [33]:
           1
              import pandas as pd
              info=pd.DataFrame(data)
            2
              print(info)
              Number
                            Country
                                     Total cases
          0
                              World
                                     686,612,727
          1
                   1
                                USA
                                     106,580,794
          2
                   2
                              India
                                      44,905,827
          3
                   3
                             France
                                       39,951,432
          4
                   4
                            Germany
                                       38,396,459
                 222
                      Saint Helena
          214
                                            2,166
                                            1,403
          215
                 224
                         Montserrat
          216
                 225
                               Niue
                                              801
          217
                 230
                            Tokelau
          218
                 231
                              China
                                          503,302
          [219 rows x 3 columns]
 In [1]:
              dict1={"Country":country, "Total_cases":total_cases, "New_cases":new_cases,"
                                                       Traceback (most recent call last)
          NameError
          ~\AppData\Local\Temp/ipykernel 5884/532408340.py in <module>
          ----> 1 dict1={"Country":country, "Total_cases":total_cases, "New_cases":new_ca
          ses,"Total_death":total_death}
```

NameError: name 'country' is not defined

In []: 1