

Dataset

# Population by Country - 2020

Countries in the world by population - 2020



Tanu N Prabhu • updated a month ago (Version 3)

[Data](#) [Tasks](#) [Kernels \(130\)](#) [Discussion \(1\)](#) [Activity](#) [Metadata](#)

Download (16 KB)

[New Notebook](#)

Usability 10.0

License Other (specified in description)

Tags social sciences, geographic reference

## Description

### Context

I always wanted to access a data set that was related to the world's population (Country wise). But I could not find a properly documented data set. Rather, I just created one manually.

### Content

Now I knew I wanted to create a dataset but I did not know how to do so. So, I started to search for the content (Population of countries) on the internet. Obviously, [Wikipedia](#) was my first search. But I don't know why the results were not acceptable. And also there were only I think 190 or more countries. So then I surfed the internet for quite some time until then I stumbled upon a great website. I think you probably have heard about this. The name of the website is [Worldometer](#). This is exactly the website I was looking for. This website had more details than Wikipedia. Also, this website had more rows I mean more countries with their population.

Once I got the data, now my next hard task was to download it. Of course, I could not get the raw form of data. I did not mail them regarding the data. Now I learned a new skill which is very important for a data scientist. I read somewhere that to obtain the data from websites you need to use this technique. Any guesses, keep reading you will come to know in the next paragraph.



You are right its, [Web Scraping](#). Now I learned this so that I could convert the data into a CSV format. Now I will give you the scraper code that I wrote and also I somehow found a way to directly convert the pandas data frame to a CSV(Comma-separated fo format) and store it on my computer. Now just go through my code and you will know what I'm talking about.

Below is the code that I used to scrape the code from the website

```
1 import csv
2 import requests
3 from bs4 import BeautifulSoup
4 import pandas as pd
5
6 url = "https://www.worldometers.info/world-population/population-by-country/"
7 r = requests.get(url)
8
9 soup = BeautifulSoup(r.content)
10
11 countries=soup.find_all("table")[0]
12 df = pd.read_html(str(countries))[0]
13
14 def function(a, b, c, d, e, f, g, h, i, j, k):
15
16     data = pd.DataFrame(
17         {
18             'a': df[a],
19             'b': df[b],
20             'c': df[c],
21             'd': df[d],
22             'e':df[e],
23             'f': df[f],
24             'g': df[g],
25             'h': df[h],
26             'i': df[i],
27             'j': df[j],
28             'k': df[k])
29
30     return data
31 df = function('Country (or dependency)', 'Population (2020)', 'Yearly Change', 'Net Change', 'Density (P/Km²)',
```

```

32         'Land Area (Km²)', 'Migrants (net)', 'Fert. Rate', 'Med. Age',
33         'Urban Pop %', 'World Share')
34
35 df.columns = ['Country (or dependency)', 'Population (2020)', 'Yearly Change', 'Net Change', 'Density (P/Km²)',
36              'Land Area (Km²)', 'Migrants (net)', 'Fert. Rate', 'Med. Age',
37              'Urban Pop %', 'World Share']
38
39 export_csv = df.to_csv(r'C:\Users\tanup\OneDrive\Desktop\New\tanu.csv', index = None, header=True)

```

## Acknowledgements

Now I couldn't have got the data without [Worldometer](#). So special thanks to the website. It is because of them I was able to get the data.

## Inspiration

As far as I know, I don't have any questions to ask. You guys can let me know by finding your ways to use the data and let me know via kernel if you find something interesting

^

## Data Explorer

15.52 KB

[population\\_by\\_country\\_202...](#)

## Summary

▸ 1 file

▸ 11 columns

< **population\_by\_country\_2020.csv** (15.52 KB)

↓ ☰ ↗

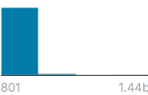
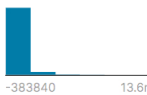

Detail Compact Column

10 of 11 columns ▾

## About this file

## File Description

Below is a sortable list of countries by their population- 2020. There are 235 countries along with their population. And there are 11 columns each representing different features of countries. This is dataset is pretty new i.e 2020. Feel free to use the data set and play with it.

Country (or dep... ▾	Population (2020) ▾	Yearly Change ▾	Net Change ▾	Density (P/Km²) ▾	
This column contains different country's name (235 countries)	This columns contains the population of different countries	This columns contains the population change by yearly	This columns contains the net change of the population	The column contains the density of the population	TI la kil
235 unique values		1.48 % 1.06 % Other (228) 97%	2% 1% 		0
China	1438207241	0.39 %	5540090	153	90
India	1377233523	0.99 %	13586631	464	20
United States	330610570	0.59 %	1937734	36	90
Indonesia	272931713	1.07 %	2898047	151	10
Pakistan	219992900	2.00 %	4327022	287	70
Brazil	212253150	0.72 %	1509090	25	80
Nigeria	205052107	2.58 %	5175990	226	90
Bangladesh	164354176	1.01 %	1643222	1265	10
Russia	145922010	0.04 %	62206	9	10
Mexico	128655589	1.06 %	1357224	66	10
Japan	126552765	-0.30 %	-383840	347	30
Ethiopia	114357494	2.57 %	2884858	115	10

## Similar Datasets



World Happiness Report



Hotel Booking Demand



Gun Violence Data



Countries Of The World



WHO Suicide Statistics

6,694 views · 3,161 downloads · 130 kernels · 1 topic

[View more activity](#)