

Report

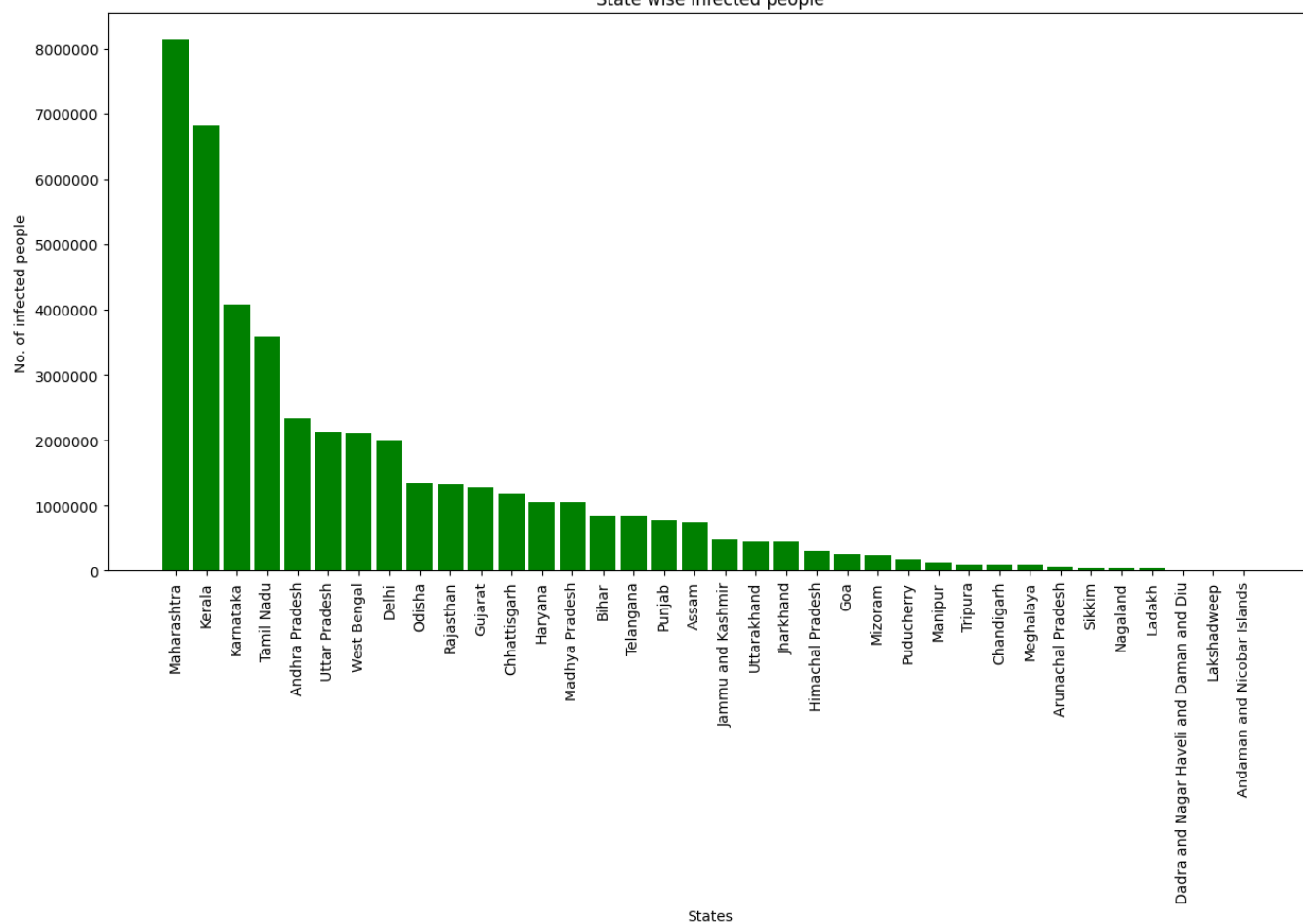
In the first part I have done analysis of actual data. I have taken raw data from <https://corona.help/country/india> and stored it in *Book.xlsx*. Below, I have performed analysis of that data by using NumPy, pandas, matplotlib. In the latter part I have done data analysis of top 10 countries ranked based on total cases of covid. Then I have estimated total deaths in India due to covid.

Descriptive statistics of the data:

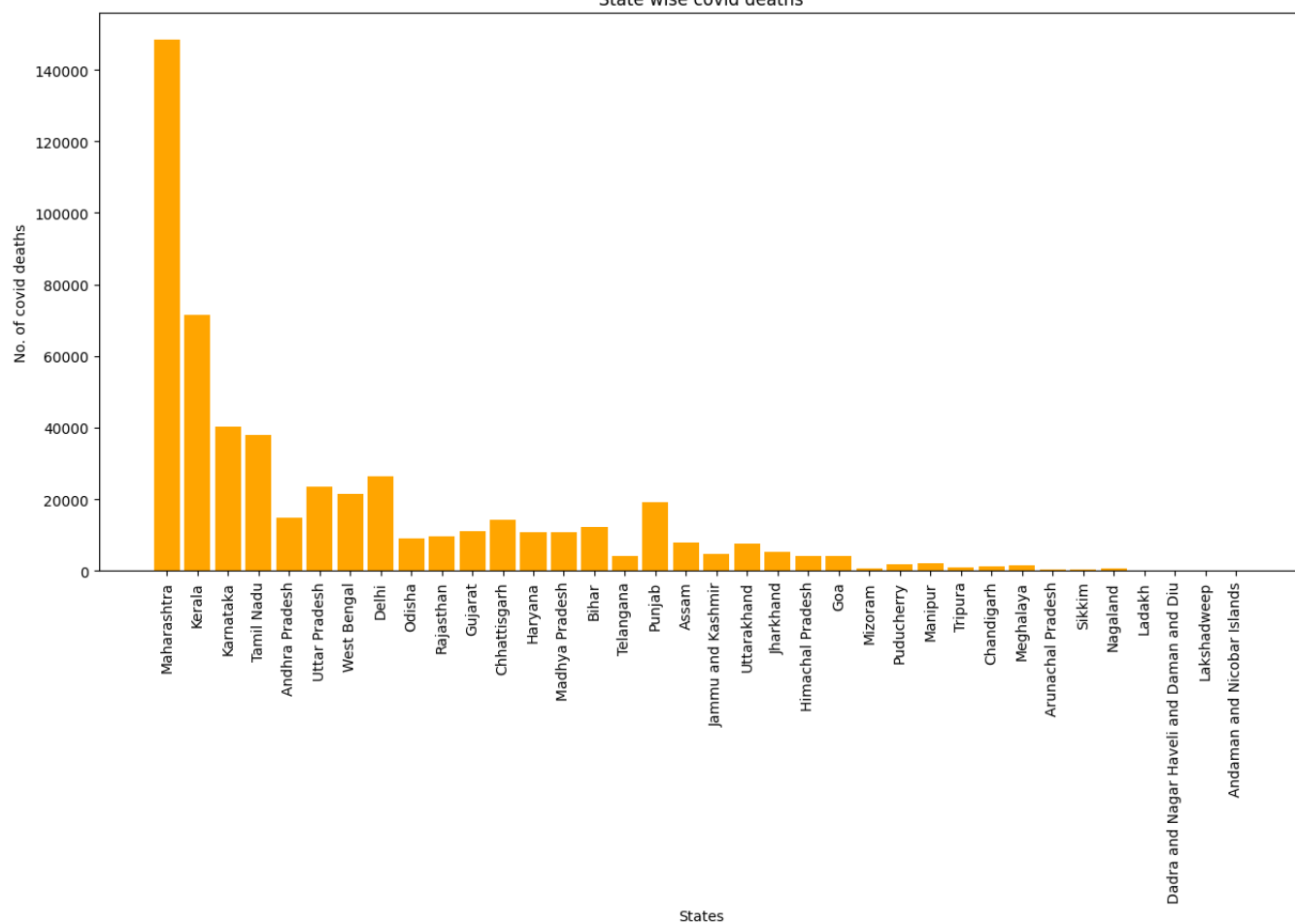
	Infected	Infected_today	Deaths	Deaths_today	Active
count	36	36	36	36	36
mean	1241147	4	14742	0	1226405
std	1833966	11	27169	0	1808321
min	10747	0	4	0	10618
25%	105864	0	1120	0	104863
50%	612768	0	6542	0	606358
75%	1320806	5	14292	0	1311265
max	8136811	52	148418	1	7988393

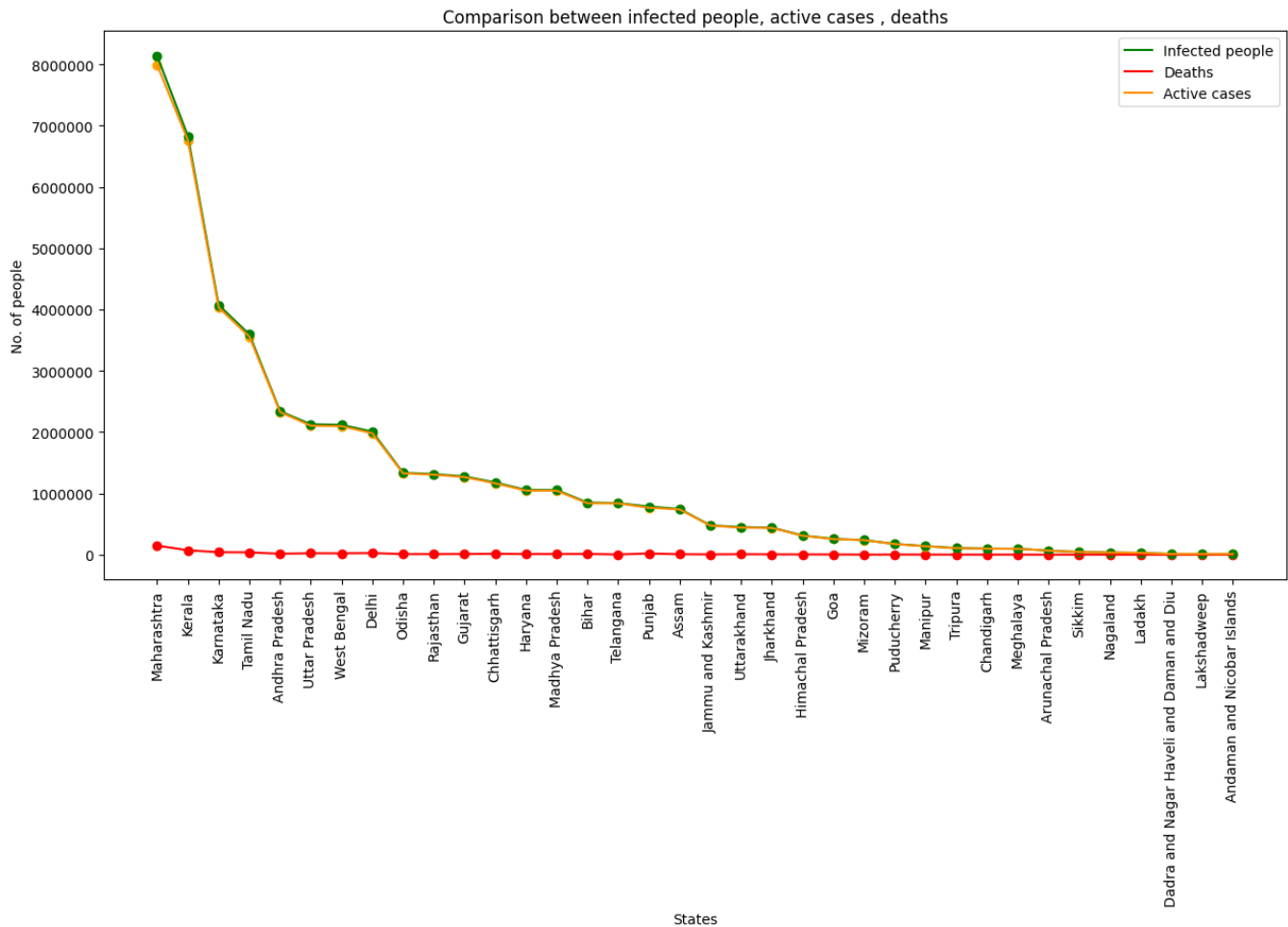
Note: Here I have mentioned states. But the data also involves Union Territories in India. So just to write in short, instead of writing States and Union Territories in India, I have just written states.

State wise infected people



State wise covid deaths





Total number of covid infected people: 44681318
Average number of infected people per state: 1241147
Maximum number of covid infected people is: 8136811
And they are from Maharashtra.
Minimum number of covid infected people is: 10747
And they are from Andaman and Nicobar Islands.
(None, None)

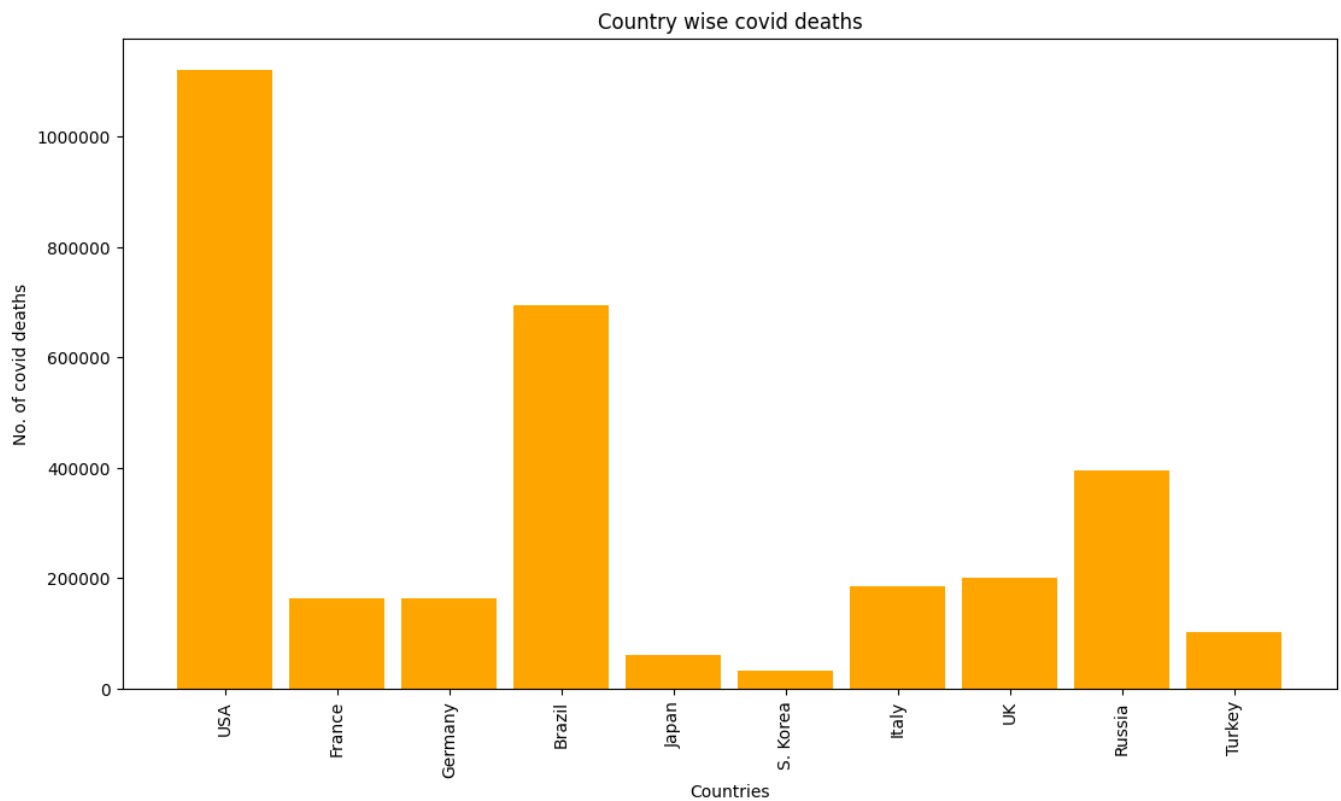
Total number of covid deaths: 530721
Average number of deaths per state: 14742
Maximum number of covid deaths is: 148418
And they are from Maharashtra.
Minimum number of covid deaths is: 4
And they are from Dadra and Nagar Haveli and Daman and Diu.
(None, None)

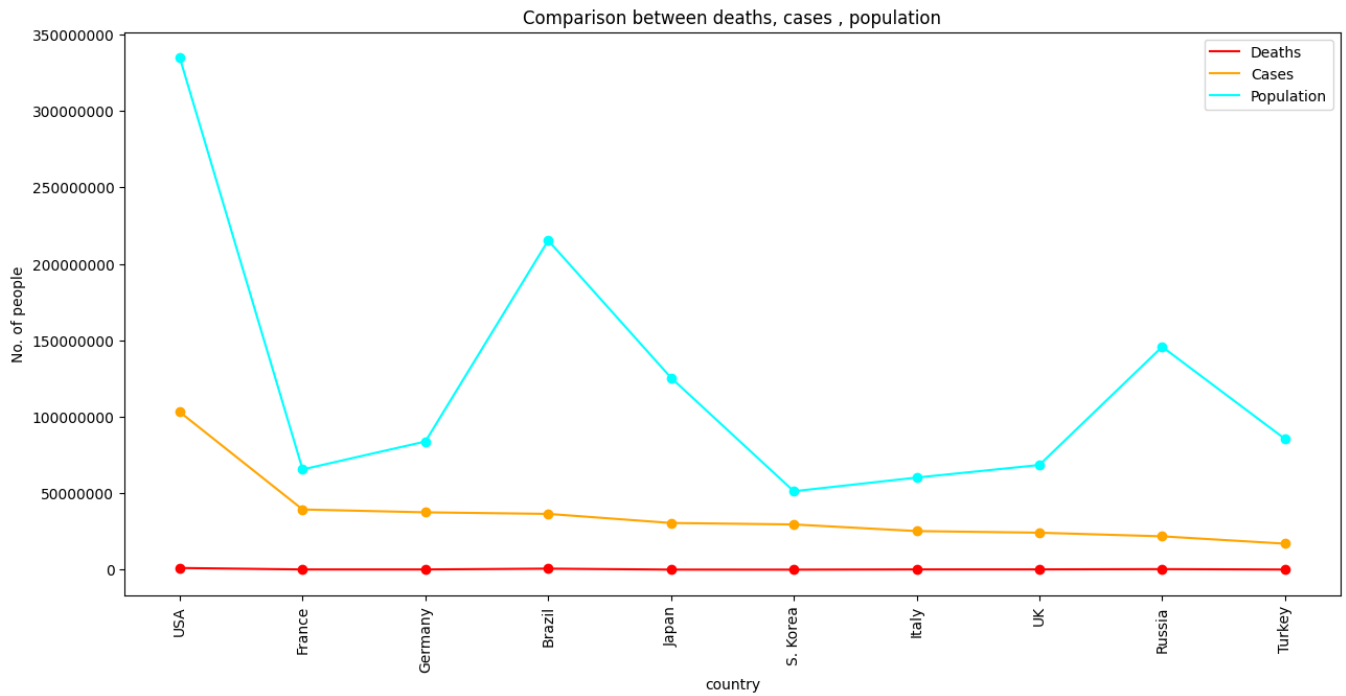
Total number of covid deaths in India: 530721

Raw data taken from <https://www.worldometers.info/coronavirus/> which includes data of top 10 countries ranked based on total cases:

Descriptive statistics of specific data:

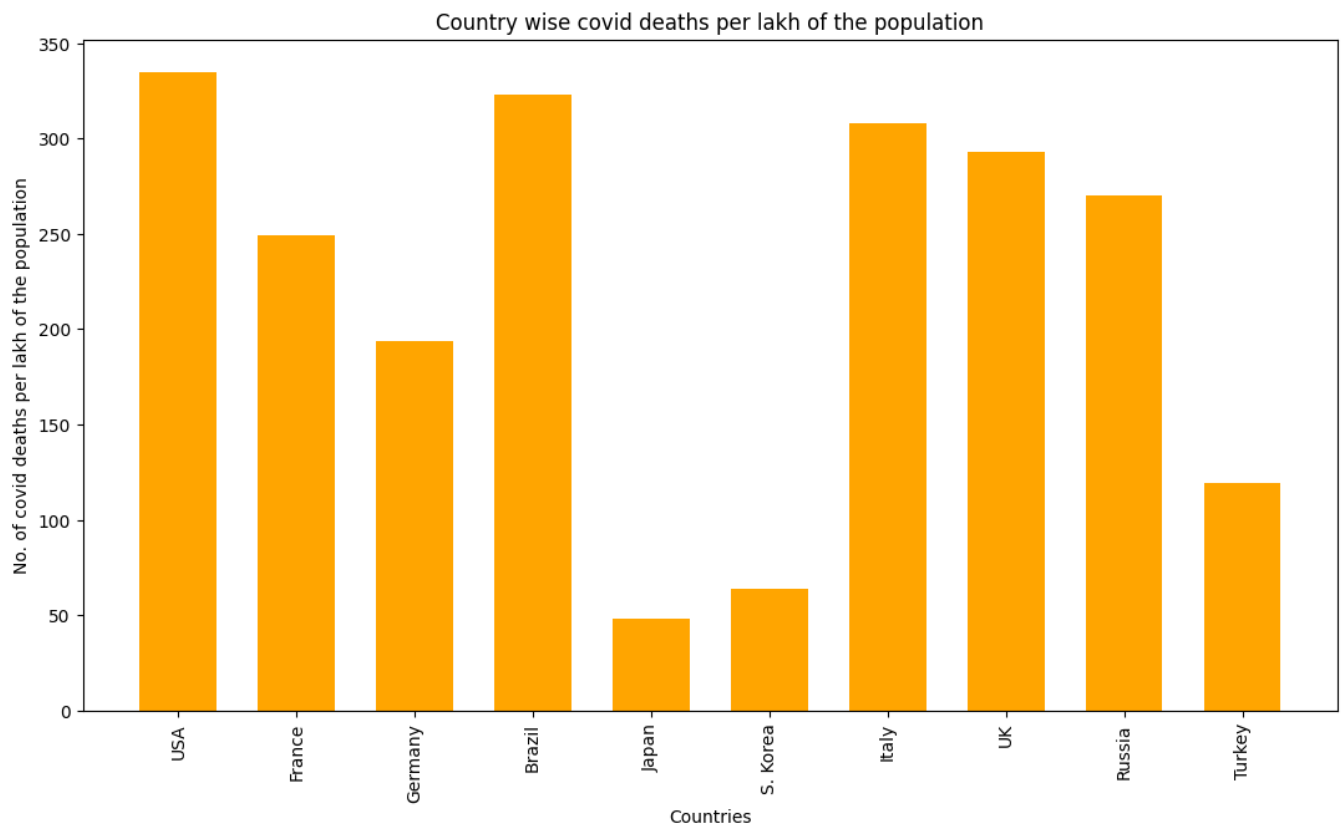
	Total\nCases	Total\nDeaths	Population
count	10	10	10
mean	36511977	311709	123667031
std	24498939	344298	89557107
min	17042722	32669	51329899
25%	24477518	116862	66312865
50%	30084312	174203	84722786
75%	37283993	345847	140750669
max	103123617	1121298	334805269





Number of deaths per lakh of the population:

[335, 249, 194, 323, 48, 64, 308, 293, 270, 119]



Average deaths per country per lakh of the population:

Population of India:1,406,631,776

Estimation of total deaths in India: 3094589

**Estimation of total deaths in India due to covid :
3094589**