In [36]:
```
import pandas as pd
import numpy as np
import math
```

In [2]:
```
df = pd.read_csv('country_vaccinations.csv')
```

In [3]:
```
df.head()
```

Out[3]:

	country	iso_code	total_vaccinations	people_vaccinated	people_fully_vaccinated	daily_vaccinations_raw	da
0	Afghanistan	AFG	0.0	0.0	NaN	NaN	
1	Afghanistan	AFG	NaN	NaN	NaN	NaN	
2	Afghanistan	AFG	NaN	NaN	NaN	NaN	
3	Afghanistan	AFG	NaN	NaN	NaN	NaN	
4	Afghanistan	AFG	NaN	NaN	NaN	NaN	

total people vaccinated on may 2021 in india

In [4]:
```
data = df.values
```

In [5]:
```
data
```

Out[5]:
```
array([['Afghanistan', 'AFG', 0.0, ..., 2021, 2, 22],
       ['Afghanistan', 'AFG', nan, ..., 2021, 2, 23],
       ['Afghanistan', 'AFG', nan, ..., 2021, 2, 24],
       ...,
       ['Zimbabwe', 'ZWE', 8845039.0, ..., 2022, 3, 27],
       ['Zimbabwe', 'ZWE', 8934360.0, ..., 2022, 3, 28],
       ['Zimbabwe', 'ZWE', 9039729.0, ..., 2022, 3, 29]], dtype=object)
```

In [38]:
```
data = df.values

sum_of_values = 0

for i in data:
    if i[0] == 'India' and i[15] == 5 and i[14] == 2021:
        if isinstance(i[2], (int, float)) and not math.isnan(i[2]):
            sum_of_values += int(i[2])

print("total people vaccinated on may 2021 in india:", sum_of_values)
```

```
total people vaccinated on may 2021 in india: 5432545301
```

ccinated in albania on 2022-01-12

In [39]:
```
df.head()
```

Out[39]:

	country	iso_code	total_vaccinations	people_vaccinated	people_fully_vaccinated	daily_vaccinations_raw	da
0	Afghanistan	AFG	0.0	0.0	NaN	NaN	
1	Afghanistan	AFG	NaN	NaN	NaN	NaN	
2	Afghanistan	AFG	NaN	NaN	NaN	NaN	
3	Afghanistan	AFG	NaN	NaN	NaN	NaN	
4	Afghanistan	AFG	NaN	NaN	NaN	NaN	

In [45]:
```
sum_of_values = 0

for i in data:
    if i[0] == 'Albania' and i[15] == 1 and i[16] == 12:
        if isinstance(i[2], (int, float)) and not math.isnan(i[2]):
            sum_of_values += int(i[2])
            print("people vaccinated in albania on 2022-01-12:", sum_of_values)
```

```
people vaccinated in albania on 2022-01-12¶: 128
```

In [ ]:
```

```