Week 14 Project :

COVID Analysis - Sorting Countries :

In [20]:
```python
import pandas as pd
```

In [21]:
```python
df = pd.read_csv("country_vaccinations.csv")
```

In [22]:
```python
df.head()
```

Out[22]:

	country	iso_code	date	total_vaccinations	people_vaccinated	people_fully_vaccinated	daily_vaccinations_raw	daily_vaccinations	total_vaccinations_per_hundred	people_vaccinated_per_hundred	people_fully_vaccinated_p
0	Afghanistan	AFG	2021-02-22	0.0	0.0	NaN	NaN	NaN	0.0	0.0	
1	Afghanistan	AFG	2021-02-23	NaN	NaN	NaN	NaN	1367.0	NaN	NaN	
2	Afghanistan	AFG	2021-02-24	NaN	NaN	NaN	NaN	1367.0	NaN	NaN	
3	Afghanistan	AFG	2021-02-25	NaN	NaN	NaN	NaN	1367.0	NaN	NaN	
4	Afghanistan	AFG	2021-02-26	NaN	NaN	NaN	NaN	1367.0	NaN	NaN	

1. Which Country is having least total Vaccinations?

In [23]:
```python
least_ = []
for i in df["total_vaccinations"]:
    least_.append(i)
len_= len(df["total_vaccinations"])
least1_ = min(least_)
for i in range(len_):
    if(df["total_vaccinations"][i] == least1_):
        print("The country is having least total vaccinations : ",df["country"][i],"-",df["total_vaccinations"][i])
```

```
The country is having least total vaccinations :  Afghanistan - 0.0
The country is having least total vaccinations :  Albania - 0.0
The country is having least total vaccinations :  Algeria - 0.0
The country is having least total vaccinations :  Angola - 0.0
The country is having least total vaccinations :  Anguilla - 0.0
The country is having least total vaccinations :  Antigua and Barbuda - 0.0
The country is having least total vaccinations :  Azerbaijan - 0.0
The country is having least total vaccinations :  Bahamas - 0.0
The country is having least total vaccinations :  Bangladesh - 0.0
The country is having least total vaccinations :  Belarus - 0.0
The country is having least total vaccinations :  Belize - 0.0
The country is having least total vaccinations :  Bermuda - 0.0
The country is having least total vaccinations :  Bhutan - 0.0
The country is having least total vaccinations :  Bosnia and Herzegovina - 0.0
The country is having least total vaccinations :  Botswana - 0.0
The country is having least total vaccinations :  Brunei - 0.0
The country is having least total vaccinations :  Cambodia - 0.0
The country is having least total vaccinations :  Cameroon - 0.0
The country is having least total vaccinations :  Cape Verde - 0.0
The country is having least total vaccinations :  Cayman Islands - 0.0
The country is having least total vaccinations :  Cote d'Ivoire - 0.0
The country is having least total vaccinations :  Democratic Republic of Congo - 0.0
The country is having least total vaccinations :  Dominica - 0.0
The country is having least total vaccinations :  Dominican Republic - 0.0
The country is having least total vaccinations :  Egypt - 0.0
The country is having least total vaccinations :  El Salvador - 0.0
The country is having least total vaccinations :  Eswatini - 0.0
The country is having least total vaccinations :  Falkland Islands - 0.0
The country is having least total vaccinations :  Fiji - 0.0
The country is having least total vaccinations :  Gabon - 0.0
The country is having least total vaccinations :  Gambia - 0.0
The country is having least total vaccinations :  Georgia - 0.0
The country is having least total vaccinations :  Ghana - 0.0
The country is having least total vaccinations :  Grenada - 0.0
The country is having least total vaccinations :  Guatemala - 0.0
The country is having least total vaccinations :  Guyana - 0.0
The country is having least total vaccinations :  India - 0.0
The country is having least total vaccinations :  Indonesia - 0.0
The country is having least total vaccinations :  Iran - 0.0
The country is having least total vaccinations :  Iraq - 0.0
The country is having least total vaccinations :  Jamaica - 0.0
The country is having least total vaccinations :  Jordan - 0.0
The country is having least total vaccinations :  Kazakhstan - 0.0
The country is having least total vaccinations :  Kenya - 0.0
The country is having least total vaccinations :  Kiribati - 0.0
The country is having least total vaccinations :  Kosovo - 0.0
The country is having least total vaccinations :  Kyrgyzstan - 0.0
The country is having least total vaccinations :  Lebanon - 0.0
The country is having least total vaccinations :  Lesotho - 0.0
The country is having least total vaccinations :  Liechtenstein - 0.0
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The country is having least total vaccinations :  Liechtenstein - 0.0
The country is having least total vaccinations :  Macao - 0.0
The country is having least total vaccinations :  Mali - 0.0
The country is having least total vaccinations :  Mauritania - 0.0
The country is having least total vaccinations :  Mauritius - 0.0
The country is having least total vaccinations :  Monaco - 0.0
The country is having least total vaccinations :  Mongolia - 0.0
The country is having least total vaccinations :  Montenegro - 0.0
The country is having least total vaccinations :  Montserrat - 0.0
The country is having least total vaccinations :  Morocco - 0.0
The country is having least total vaccinations :  Mozambique - 0.0
The country is having least total vaccinations :  Myanmar - 0.0
The country is having least total vaccinations :  Namibia - 0.0
The country is having least total vaccinations :  Nauru - 0.0
The country is having least total vaccinations :  Nepal - 0.0
The country is having least total vaccinations :  Nicaragua - 0.0
The country is having least total vaccinations :  Niger - 0.0
The country is having least total vaccinations :  Nigeria - 0.0
The country is having least total vaccinations :  Niue - 0.0
The country is having least total vaccinations :  North Macedonia - 0.0
The country is having least total vaccinations :  Northern Cyprus - 0.0
The country is having least total vaccinations :  Norway - 0.0
The country is having least total vaccinations :  Norway - 0.0
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The country is having least total vaccinations :  Norway - 0.0
The country is having least total vaccinations :  Norway - 0.0
The country is having least total vaccinations :  Pakistan - 0.0
The country is having least total vaccinations :  Papua New Guinea - 0.0
The country is having least total vaccinations :  Philippines - 0.0
The country is having least total vaccinations :  Qatar - 0.0
The country is having least total vaccinations :  Rwanda - 0.0
The country is having least total vaccinations :  Saint Kitts and Nevis - 0.0
The country is having least total vaccinations :  Saint Lucia - 0.0
The country is having least total vaccinations :  Sao Tome and Principe - 0.0
The country is having least total vaccinations :  Senegal - 0.0
The country is having least total vaccinations :  Seychelles - 0.0
The country is having least total vaccinations :  Sierra Leone - 0.0
The country is having least total vaccinations :  Solomon Islands - 0.0
The country is having least total vaccinations :  South Africa - 0.0
The country is having least total vaccinations :  South Sudan - 0.0
The country is having least total vaccinations :  Sri Lanka - 0.0
The country is having least total vaccinations :  Sudan - 0.0
The country is having least total vaccinations :  Suriname - 0.0
The country is having least total vaccinations :  Syria - 0.0
The country is having least total vaccinations :  Taiwan - 0.0
The country is having least total vaccinations :  Thailand - 0.0
The country is having least total vaccinations :  Togo - 0.0
The country is having least total vaccinations :  Tokelau - 0.0
The country is having least total vaccinations :  Trinidad and Tobago - 0.0
The country is having least total vaccinations :  Tunisia - 0.0
The country is having least total vaccinations :  Turkey - 0.0
The country is having least total vaccinations :  Turks and Caicos Islands - 0.0
The country is having least total vaccinations :  Uganda - 0.0
The country is having least total vaccinations :  Uzbekistan - 0.0
The country is having least total vaccinations :  Vanuatu - 0.0
The country is having least total vaccinations :  Venezuela - 0.0
The country is having least total vaccinations :  Vietnam - 0.0
The country is having least total vaccinations :  Zambia - 0.0
```

2.Which Country is having the most total Vaccinations?

In [24]:
```python
most_ = []
for i in df["total_vaccinations"]:
    most_.append(i)
len_ = len(df["total_vaccinations"])
most1_ = max(most_)
for i in range(len_):
    if(df["total_vaccinations"][i] == most1_):
        print("The country is having the most total vaccinations : ",df["country"][i],"-",df["total_vaccinations"][i])
```

```
The country is having the most total vaccinations :  China - 3263129000.0
```