

```
In [2]: import pandas as pd
```

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In [4]: import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
```

```
In [25]: data = pd.read_csv('data.csv')
```

```
In [26]: data.head()
```

Out[26]:

	Date	Date_YMD	Daily Confirmed	Total Confirmed	Daily Recovered	Total Recovered	Daily Deceased	Total Deceased
0	30-Jan-20	30-01-2020	1	1	0	0	0	0
1	31-Jan-20	31-01-2020	0	1	0	0	0	0
2	01-Feb-20	01-02-2020	0	1	0	0	0	0
3	02-Feb-20	02-02-2020	1	2	0	0	0	0
4	03-Feb-20	03-02-2020	1	3	0	0	0	0

```
In [27]: data.columns
```

Out[27]: Index(['Date', 'Date\_YMD', 'Daily Confirmed', 'Total Confirmed', 'Daily Recovered', 'Total Recovered', 'Daily Deceased', 'Total Deceased'], dtype='object')

```
In [28]: data.tail()
```

Out[28]:

	Date	Date_YMD	Daily Confirmed	Total Confirmed	Daily Recovered	Total Recovered	Daily Deceased	Total Deceased
512	25-Jun-21	25-06-2021	48768	30182402	64819	29185623	1183	393934
513	26-Jun-21	26-06-2021	49844	30232246	57866	29243489	1258	395192
514	27-Jun-21	27-06-2021	46523	30278769	58563	29302052	978	396170
515	28-Jun-21	28-06-2021	37070	30315839	57016	29359068	907	397077
516	29-Jun-21	29-06-2021	46104	30361943	60789	29419857	819	397896

```
In [29]: data.describe()
```

Out[29]:

	Daily Confirmed	Total Confirmed	Daily Recovered	Total Recovered	Daily Deceased	Total Deceased
count	517.000000	5.170000e+02	517.000000	5.170000e+02	517.000000	517.000000
mean	58727.162476	8.006559e+06	56904.945841	7.289472e+06	769.624758	107836.454545
std	86373.938456	8.462169e+06	84420.699630	7.846286e+06	1065.076701	102105.618684
min	0.000000	1.000000e+00	0.000000	0.000000e+00	0.000000	0.000000
25%	9098.000000	2.574850e+05	5433.000000	1.238480e+05	110.000000	7206.000000
50%	28178.000000	7.305099e+06	24822.000000	6.380428e+06	402.000000	110725.000000
75%	66873.000000	1.099101e+07	64819.000000	1.068737e+07	921.000000	155748.000000
max	414280.000000	3.036194e+07	422391.000000	2.941986e+07	6139.000000	397896.000000

```
In [30]: data.isnull().sum()
```

Out[30]: Date 0
Date\_YMD 0
Daily Confirmed 0
Total Confirmed 0
Daily Recovered 0
Total Recovered 0
Daily Deceased 0
Total Deceased 0
dtype: int64

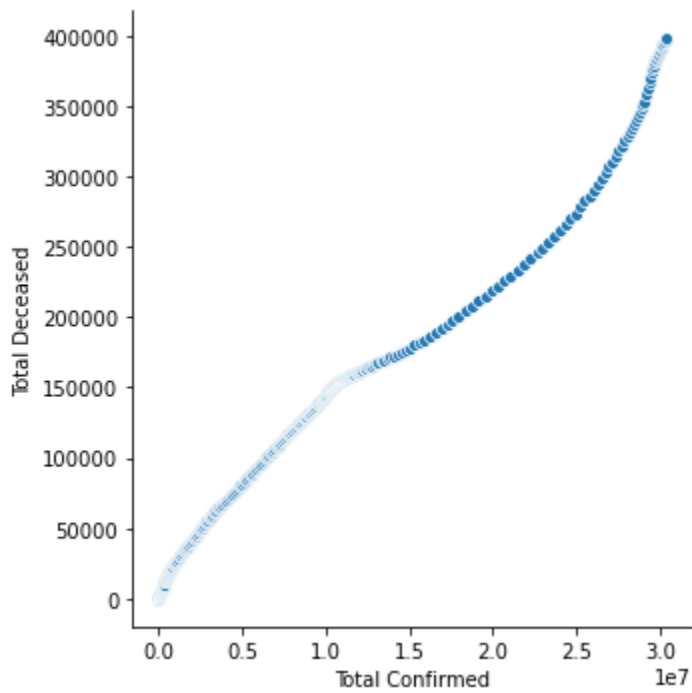
```
In [31]: data.columns
```

Out[31]: Index(['Date', 'Date\_YMD', 'Daily Confirmed', 'Total Confirmed', 'Daily Recovered', 'Total Recovered', 'Daily Deceased', 'Total Deceased'], dtype='object')

## Relating the variable with scatterplot

```
In [39]: sns.relplot(x='Total Confirmed', y='Total Deceased', data=data)
```

Out[39]: <seaborn.axisgrid.FacetGrid at 0x2ba210f2b80>



```
In [ ]:
```