```
import pandas as pd
import numpy as np
import seaborn as sns
import matplotlib.pyplot as plt


data=pd.read_csv(r"/content/country_wise_latest.csv")


data.head()
```

```
/usr/local/lib/python3.10/dist-packages/pandas/core/nanops.py:1010: RuntimeWarning: invalid value encountered in subtract
  sqr = _ensure_numeric((avg - values) ** 2)
```

	Country/Region	Confirmed	Deaths	Recovered	Active	New cases	New deaths	New recovered	Deaths / 100 Cases	Recovered / 100 Cases	Deaths / 100 Recovered	Confirmed last week	1 week change	1 wee incre
0	Afghanistan	36263	1269	25198	9796	106	10	18	3.50	69.49	5.04	35526	737	2
1	Albania	4880	144	2745	1991	117	6	63	2.95	56.25	5.25	4171	709	17
2	Algeria	27973	1163	18837	7973	616	8	749	4.16	67.34	6.17	23691	4282	18
3	Andorra	907	52	803	52	10	0	0	5.73	88.53	6.48	884	23	2

```
data.tail()
```

	Country/Region	Confirmed	Deaths	Recovered	Active	New cases	New deaths	New recovered	Deaths / 100 Cases	Recovered / 100 Cases	Deaths / 100 Recovered	Confirmed last week	1 week change	1 w inc
182	West Bank and Gaza	10621	78	3752	6791	152	2	0	0.73	35.33	2.08	8916	1705	
183	Western Sahara	10	1	8	1	0	0	0	10.00	80.00	12.50	10	0	
184	Yemen	1691	483	833	375	10	4	36	28.56	49.26	57.98	1619	72	
185	Zambia	4552	140	2815	1597	71	1	465	3.08	61.84	4.97	3326	1226	

```
data.columns
```

```
Index(['Country/Region', 'Confirmed', 'Deaths', 'Recovered', 'Active',
       'New cases', 'New deaths', 'New recovered', 'Deaths / 100 Cases',
       'Recovered / 100 Cases', 'Deaths / 100 Recovered',
       'Confirmed last week', '1 week change', '1 week % increase',
       'WHO Region'],
      dtype='object')
```

```
data.describe()
```

```
/usr/local/lib/python3.10/dist-packages/pandas/core/nanops.py:1010: RuntimeWarning: invalid value encountered in subtract
  sqr = _ensure_numeric((avg - values) ** 2)
/usr/local/lib/python3.10/dist-packages/pandas/core/nanops.py:1010: RuntimeWarning: invalid value encountered in subtract
  sqr = _ensure_numeric((avg - values) ** 2)
```

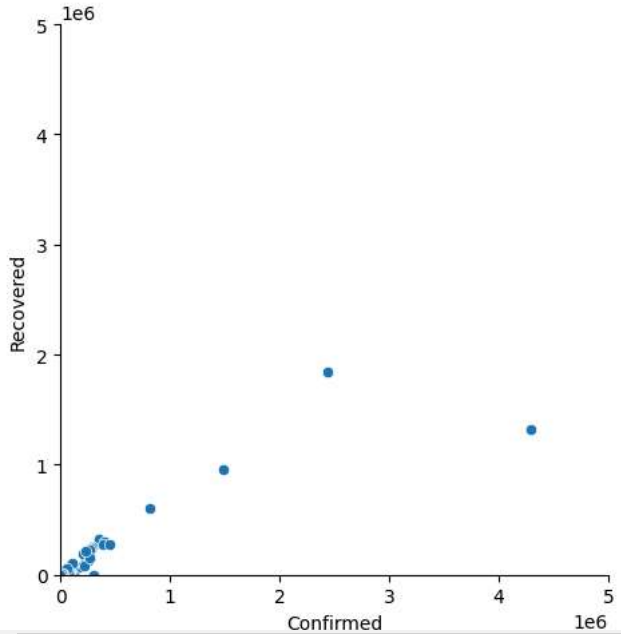
	Confirmed	Deaths	Recovered	Active	New cases	New deaths	New recovered	Deaths / 100 Cases	Recovered / 100 Cases	Deaths / 100 Recovered
count	1.870000e+02	187.000000	1.870000e+02	1.870000e+02	187.000000	187.000000	187.000000	187.000000	187.000000	187.00
mean	8.813094e+04	3497.518717	5.063148e+04	3.400194e+04	1222.957219	28.957219	933.812834	3.019519	64.820535	inf
std	3.833187e+05	14100.002482	1.901882e+05	2.133262e+05	5710.374790	120.037173	4197.719635	3.454302	26.287694	NaN
min	1.000000e+01	0.000000	0.000000e+00	0.000000e+00	0.000000	0.000000	0.000000	0.000000	0.000000	0.00
25%	1.114000e+03	18.500000	6.265000e+02	1.415000e+02	4.000000	0.000000	0.000000	0.945000	48.770000	1.45
50%	5.059000e+03	108.000000	2.815000e+03	1.600000e+03	49.000000	1.000000	22.000000	2.150000	71.320000	3.62
75%	4.046050e+04	734.000000	2.260600e+04	9.149000e+03	419.500000	6.000000	221.000000	3.875000	86.885000	6.44
max	4.290259e+06	148011.000000	1.846641e+06	2.816444e+06	56336.000000	1076.000000	33728.000000	28.560000	100.000000	inf

```
data.isnull().sum()
```

	0
Country/Region	0
Confirmed	0
Deaths	0
Recovered	0
Active	0
New cases	0
New deaths	0
New recovered	0
Deaths / 100 Cases	0
Recovered / 100 Cases	0
Deaths / 100 Recovered	0
Confirmed last week	0
1 week change	0
1 week % increase	0
WHO Region	0

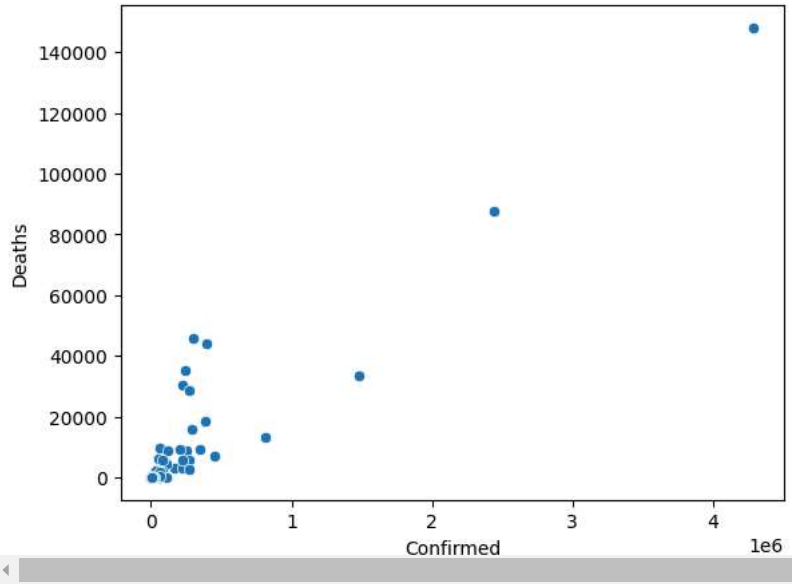
```
sns.relplot(x="Confirmed",y="Recovered",data=data)
plt.xlim(0,5000000)
plt.ylim(0,5000000)
```

```
(0.0, 5000000.0)
```



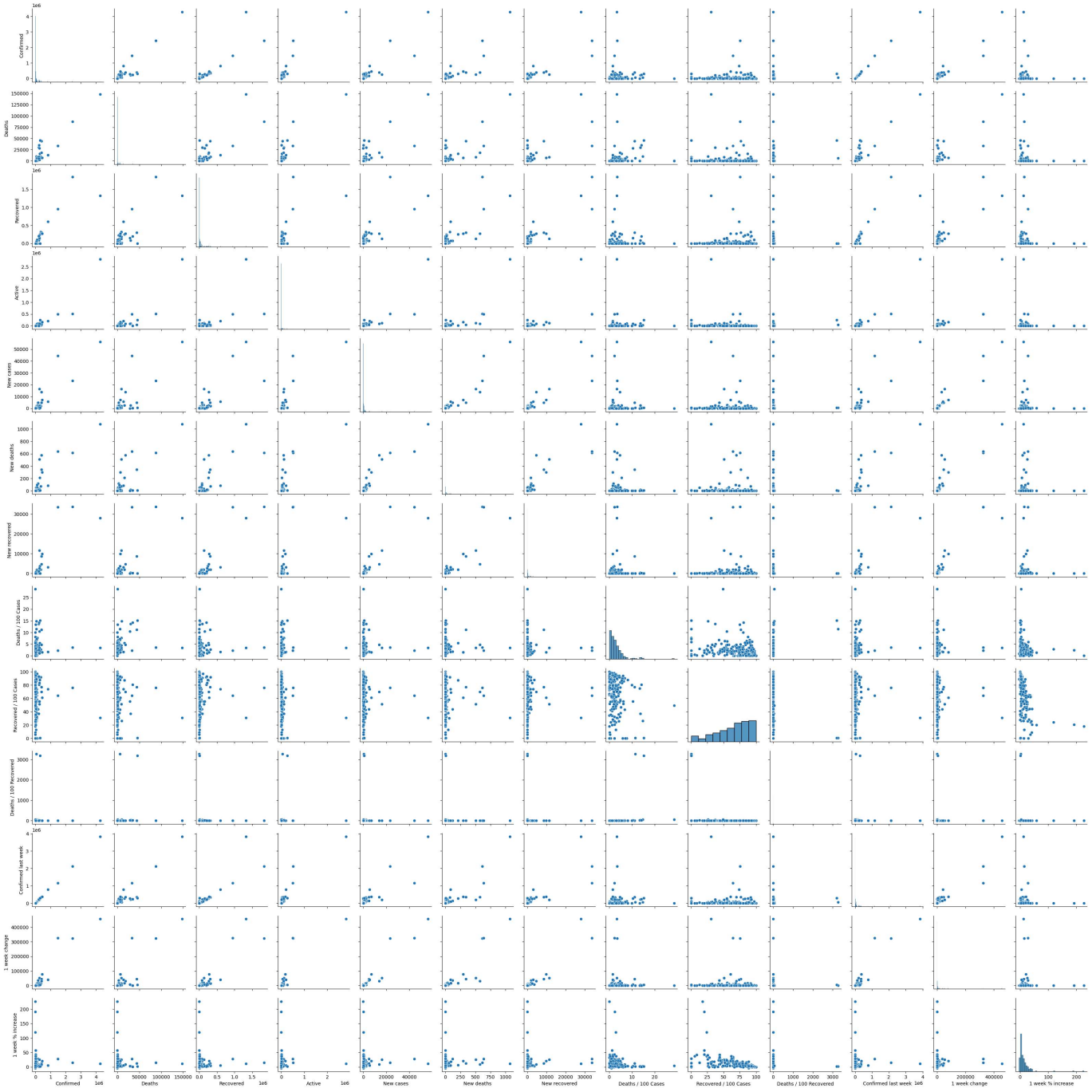

```
sns.scatterplot(x="Confirmed",y="Deaths",data=data)
```

```
<Axes: xlabel='Confirmed', ylabel='Deaths'>
```



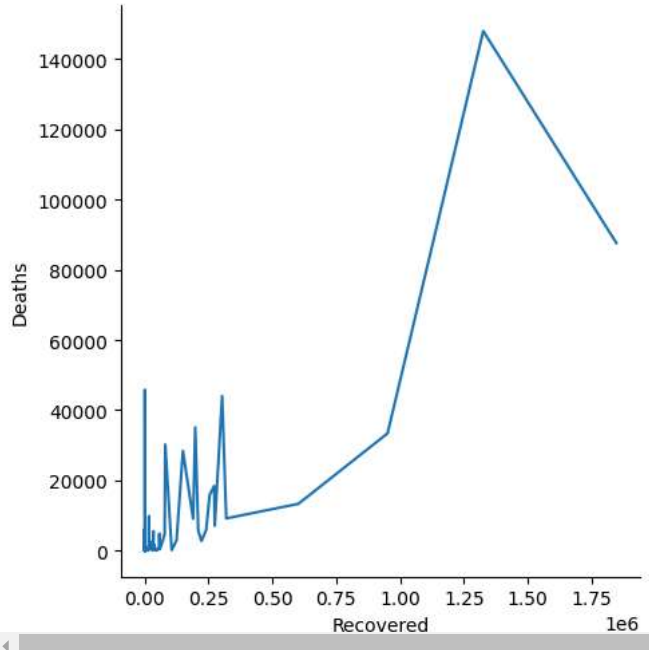

```
sns.pairplot(data)
```

```
<seaborn.axisgrid.PairGrid at 0x799dafcd6350>
```



```
sns.relplot(x='Recovered',y='Deaths',kind='line',data=data)
```

```
<seaborn.axisgrid.FacetGrid at 0x799d9075dfc0>
```




```
sns.catplot(x='WHO Region',y='Deaths',data=data)
plt.xticks(rotation=45)
```

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