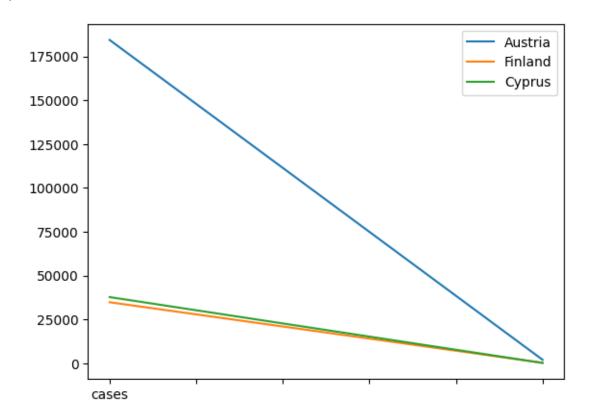
## 5-6188153657050009003

## October 27, 2023

```
[1]: import pandas as pd
     import numpy as np
     import seaborn as sns
     import matplotlib.pyplot as plt
     print('Modules are imported.')
     df=pd.read_csv("/Users/kisshore/Downloads/Covid_19_cases4.csv")
     print(df.head())
     print(df.shape)
     df.drop(["dateRep","day","month","year"],axis=1,inplace=True)
     print(df.head())
     aggregating=df.groupby("countriesAndTerritories").sum()
     print(aggregating.head())
     print(aggregating.shape)
     aggregating.loc["Austria"].plot()
     aggregating.loc["Finland"].plot()
     aggregating.loc["Cyprus"].plot()
     plt.legend()
     plt.show()
    Modules are imported.
```

dateRep	day	month	year	cases	deaths	countriesAndTerritories
31-05-2021	31	5	2021	366	5	Austria
30-05-2021	30	5	2021	570	6	Austria
29-05-2021	29	5	2021	538	11	Austria
28-05-2021	28	5	2021	639	4	Austria
27-05-2021	27	5	2021	405	19	Austria
730, 7)						
cases deaths countriesAndTerritories						
366	5			Austria	ì	
570	6			Austria	ì	
538	11			Austria	ì	
639	4			Austria	ı	
405	19			Austria	ı	
			cases	deaths		
countriesAndTerritories						
stria		1	84416	1925		
lgium		2	88119	2696		
lgaria		1	71236	7471		
	31-05-2021 30-05-2021 29-05-2021 28-05-2021 27-05-2021 730, 7) cases dear 366 570 538 639 405	31-05-2021 31 30-05-2021 30 29-05-2021 29 28-05-2021 28 27-05-2021 27 730, 7) cases deaths co 366 5 570 6 538 11 639 4 405 19 untriesAndTerrito stria lgium	31-05-2021 31 5 30-05-2021 30 5 29-05-2021 29 5 28-05-2021 28 5 27-05-2021 27 5 730, 7) cases deaths countries 366 5 570 6 538 11 639 4 405 19  untriesAndTerritories stria 1 lgium 2	31-05-2021 31 5 2021 30-05-2021 30 5 2021 29-05-2021 29 5 2021 28-05-2021 28 5 2021 27-05-2021 27 5 2021 730, 7) cases deaths countriesAndTer 366 5 570 6 538 11 639 4 405 19 cases untriesAndTerritories stria 184416 lgium 288119	31-05-2021 31 5 2021 366 30-05-2021 30 5 2021 570 29-05-2021 29 5 2021 538 28-05-2021 28 5 2021 639 27-05-2021 27 5 2021 405 730, 7) cases deaths countriesAndTerritories 366 5 Austria 570 6 Austria 538 11 Austria 639 4 Austria 405 19 Austria cases deaths untriesAndTerritories stria 184416 1925 lgium 288119 2696	31-05-2021 31 5 2021 366 5 30-05-2021 30 5 2021 570 6 29-05-2021 29 5 2021 538 11 28-05-2021 28 5 2021 639 4 27-05-2021 27 5 2021 405 19 730, 7) cases deaths countriesAndTerritories 366 5 Austria 570 6 Austria 538 11 Austria 639 4 Austria 405 19 Austria 405 19 Austria cases deaths untriesAndTerritories stria 184416 1925 lgium 288119 2696

Croatia 113168 2488 Cyprus 37700 129 (30, 2)



[2]: aggregating.loc['Austria'].plot() plt.show()

