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In [1]: import pandas as pd

covid_data=pd.read_csv("https://raw.githubusercontent.com/svkarthik86/Advanced-python/main/WEEK-8%20Assignment/covid19_cases.csv")
covid_data.dateRep=pd.to_datetime(covid_data[["year","month","day"]])
covid_data_pivot=covid_data.pivot(index="dateRep",columns="countriesAndTerritories",values="cases").fillna(0)
covid_data_pivot.columns=covid_data_pivot.columns.str.replace("United_States_of_America","USA")
covid_data_pivot.columns=covid_data_pivot.columns.str.replace("United_Kingdom","UK")
covid_data_pivot.filter(["Argentina", "Brazil", "China", "Colombia", "India", "Italy", "Mexico", "Peru", "Russia", "Spain", "Turkey", "UK", "USA"])
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Out[1]:

	countriesAndTerritories	Argentina	Brazil	China	Colombia	India	Italy	Mexico	Peru	Russia	Spain	Turkey	UK	USA
	dateRep													
	2020-01-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2020-01-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2020-01-03	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2020-01-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2020-01-05	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	2020-09-14	10778.0	14768.0	29.0	7355.0	92071.0	1456.0	4408.0	6787.0	5449.0	27404.0	1527.0	3330.0	33871.0
	2020-09-15	9056.0	15155.0	22.0	5573.0	83809.0	1008.0	3335.0	4241.0	5509.0	9437.0	1716.0	2621.0	34841.0
	2020-09-16	9908.0	36653.0	24.0	6698.0	90123.0	1229.0	4771.0	4160.0	5529.0	11193.0	1742.0	3103.0	51473.0
	2020-09-17	11893.0	36820.0	7.0	7787.0	97894.0	1452.0	4444.0	6380.0	5670.0	11291.0	1771.0	3991.0	24598.0
	2020-09-18	11674.0	36303.0	44.0	7568.0	96424.0	1583.0	3182.0	5698.0	5762.0	14389.0	1648.0	3395.0	43567.0

262 rows × 13 columns

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In [2]: covid_cases=pd.read_csv("https://raw.githubusercontent.com/svkarthik86/Advanced-python/main/WEEK-8%20Assignment/covid19_total_cases.csv",index_col="index").T

covid_cases.sort_values(by="cases", ascending=False)[:20]
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Out[2]:

	index	cases
	USA	6724667
	India	5308014
	Brazil	4495183
	Russia	1091186
	Peru	756412
	Colombia	750471
	Mexico	688954
	South_Africa	657627
	Spain	640040
	Argentina	601700
	Chile	442827
	France	428696
	Iran	416198
	UK	385936
	Bangladesh	345805
	Saudi_Arabia	328720
	Iraq	311690
	Pakistan	305031
	Turkey	299810
	Italy	294932

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In [ ]:
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