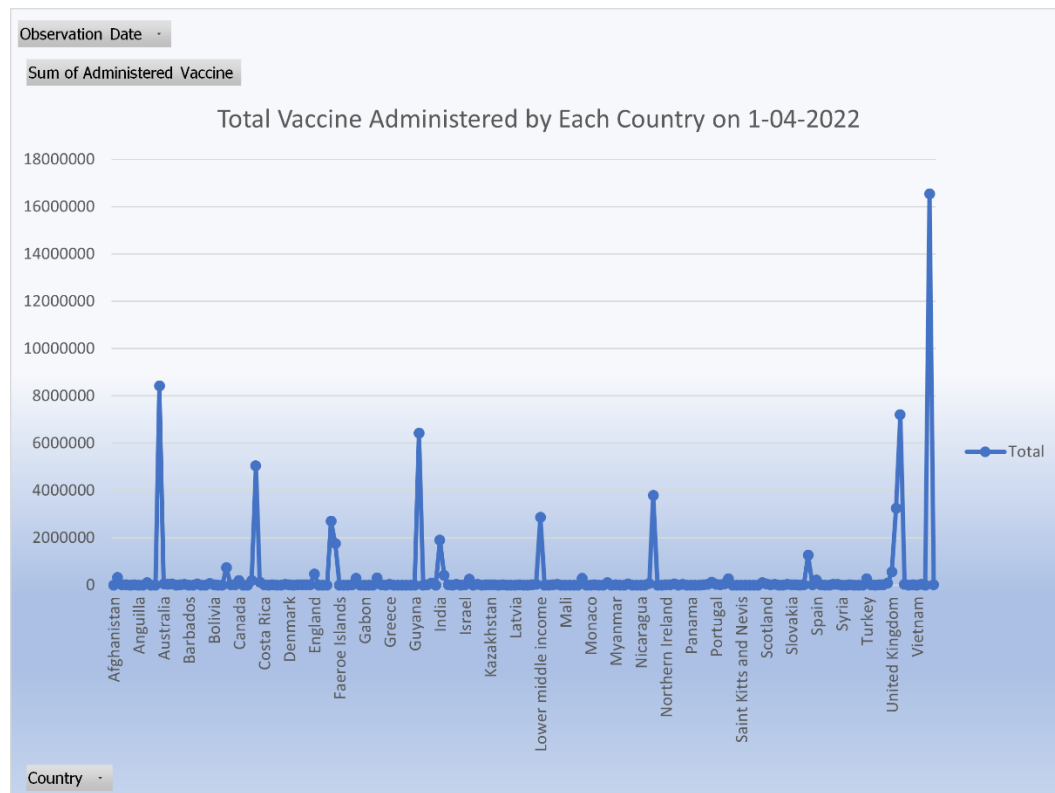


**/\* Task D1 \*/**

select vaccinations.date as 'ObservationDate', locations.location as 'Country',  
vaccinations.dailyvaccinations as  
'Administered Vaccine on OD1 (VOD1)'  
from locations join vaccinations  
on locations.isocode = vaccinations.isocode  
where ObservationDate = '01-04-2021';

	ObservationDate	Country	Administered Vaccine on OD1 (VOD1)
1	01-04-2021	Afghanistan	3000
2	01-04-2021	Africa	317673
3	01-04-2021	Albania	13731
4	01-04-2021	Algeria	22369
5	01-04-2021	Andorra	197
6	01-04-2021	Angola	7720
7	01-04-2021	Anguilla	20
8	01-04-2021	Antigua and Barbuda	68
9	01-04-2021	Argentina	106477
10	01-04-2021	Armenia	261
11	01-04-2021	Aruba	1278
12	01-04-2021	Asia	8417359
13	01-04-2021	Australia	51923
14	01-04-2021	Austria	32713
15	01-04-2021	Azerbaijan	50001

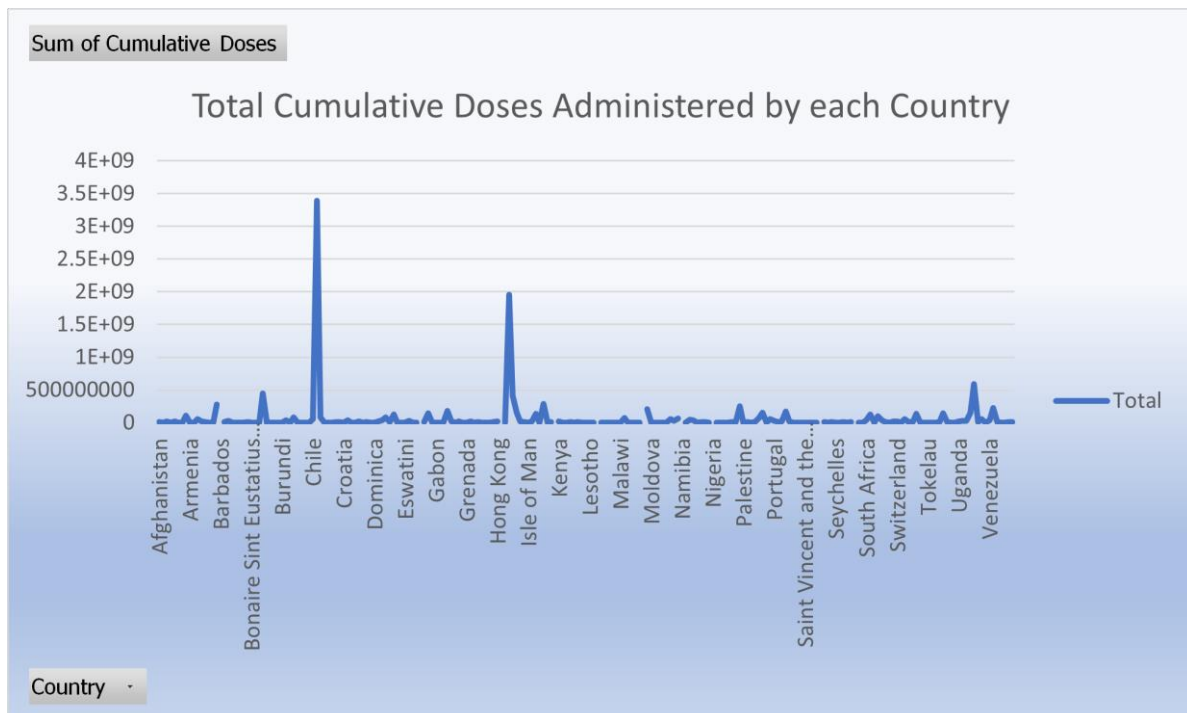


## **/\* Task D2 \*/**

```
select locations.location as 'Country',  
vaccinations.totalvaccinations as 'Cumulative Doses'  
from vaccinations join locations on  
locations.isocode = vaccinations.isocode  
where locations.lastobservationdate = vaccinations.date  
group by Country;
```

Table with 2 columns: Country, Cumulative Doses. Total rows loaded: 223.

	Country	Cumulative Doses
1	Afghanistan	6171652
2	Albania	2873654
3	Algeria	15205854
4	Andorra	153072
5	Angola	18956333
6	Anguilla	23685
7	Antigua and Barbuda	125877
8	Argentina	104348322
9	Armenia	2150112
10	Aruba	171589
11	Australia	57756454
12	Austria	18375930
13	Azerbaijan	13728289
14	Bahamas	340866

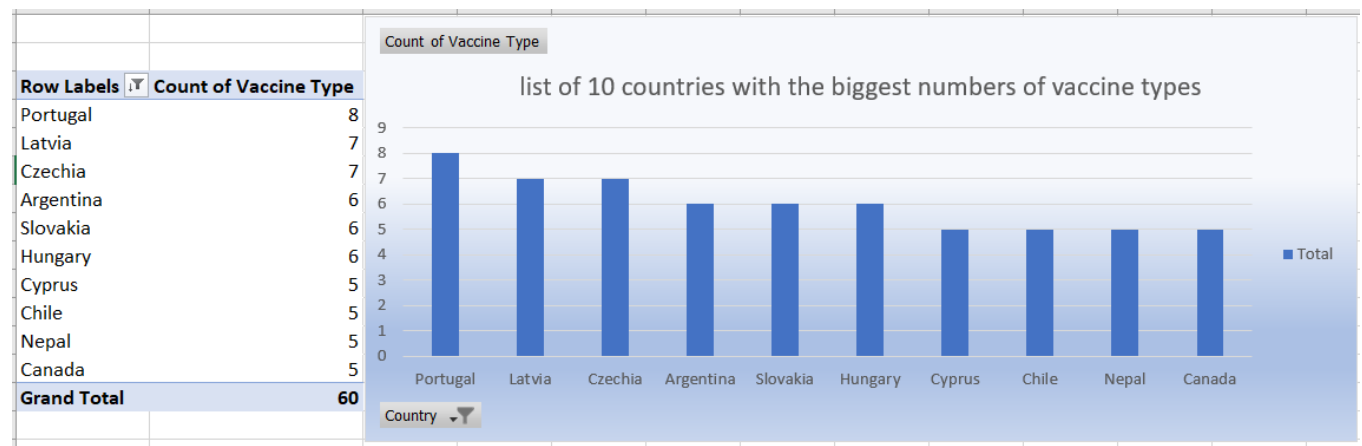


**/\* Task D3 \*/**

```
select locations.location as 'Country', vaccines.vaccinename as 'Vaccine Type'
from locations
join locationandvaccine on locations.isocode= locationandvaccine.isocode
join vaccines on locationandvaccine.vaccineid = vaccines.vaccineid;
```

Total rows loaded: 198

	Country	Vaccine Type
1	Argentina	CanSino
2	Argentina	Moderna
3	Argentina	Oxford/AstraZeneca
4	Argentina	Pfizer/BioNTech
5	Argentina	Sinopharm/Beijing
6	Argentina	Sputnik V
7	Austria	Johnson&Johnson
8	Austria	Moderna
9	Austria	Novavax
10	Austria	Oxford/AstraZeneca
11	Austria	Pfizer/BioNTech
12	Belgium	Johnson&Johnson
13	Belgium	Moderna
14	Belgium	Novavax



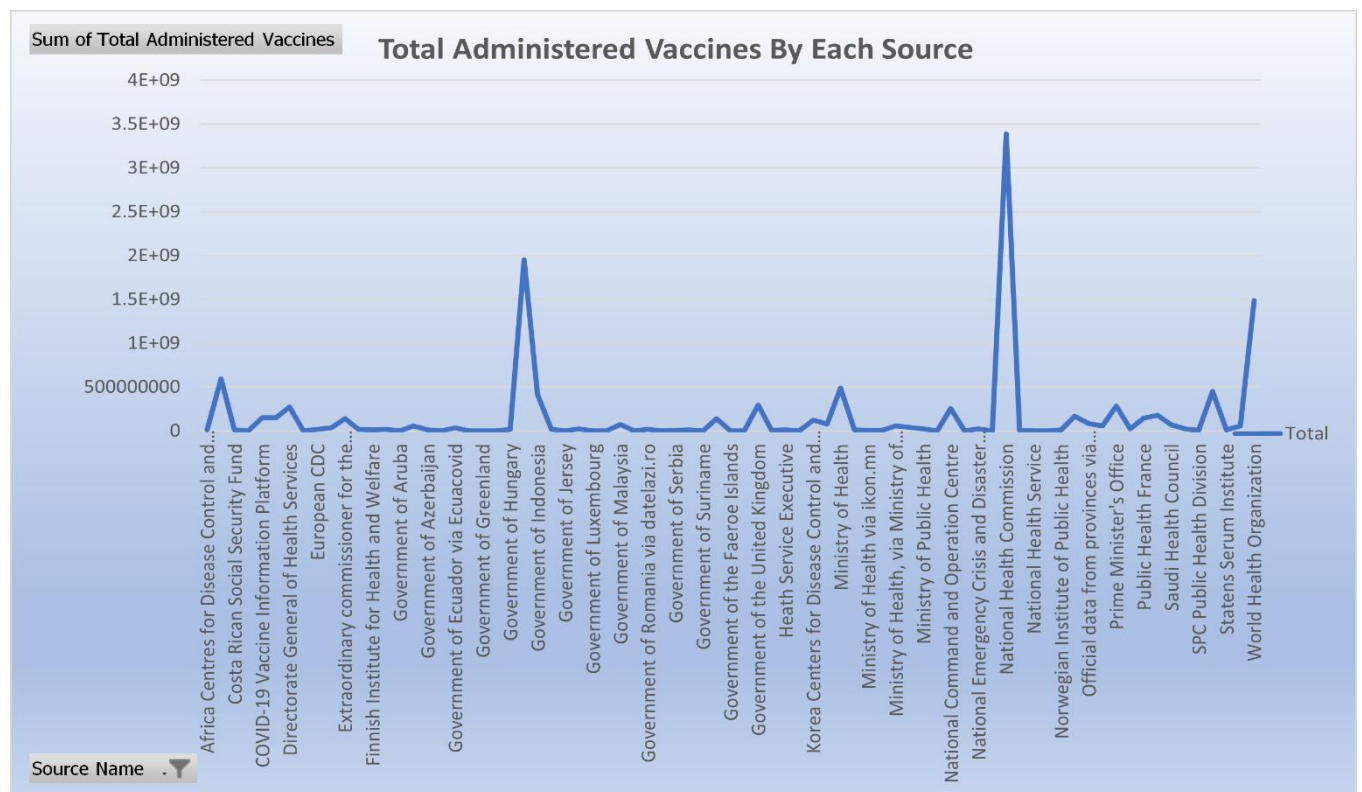
## **/ \* Task D4 \* /**

select locations.sourcename as 'Source Name', sum(vaccinations.dailyvaccinations) as 'Total Administered Vaccines',  
locations.sourceurl as 'Source URL'  
from locations join vaccinations on vaccinations.isocode = locations.isocode  
group by locations.sourcename, locations.sourceurl  
order by locations.sourcename, locations.sourceurl;

1 2 3 4 5 6 7 8 9 10 11 12

Total rows loaded: 116

Source Name	Total Administered Vaccines	Source URL
1	36625206906	
2 Africa Centres for Disease Control and Prevention	11867895	https://covid19.who.int/
3 COVID-19 Malta Public Health Response Team	1299972	https://github.com/COVID19-Malta/COVID19-Cases
4 COVID-19 Vaccine Information Platform	148516505	https://covid19asi.saglik.gov.tr/
5 Centers for Disease Control and Prevention	592071559	https://data.cdc.gov/Vaccinations/COVID-19-Vaccination-Trends-in-the-United-States-N/rh2h-3yt2
6 Costa Rican Social Security Fund	10964278	https://www.ccss.sa.cr/web/coronavirus/vacunacion
7 Department of Health via ABS-CBN Investigative and Research Group	151528783	https://covid19.who.int/
8 Directorate General of Health Services	272381984	http://103.247.238.92/webportal/pages/covid19-vaccination-update.php
9 Directorate of Health	800598	https://www.covid.is/tolulegar-upplysingar-boluefni
10 European CDC	18397012	https://www.ecdc.europa.eu/en/publications-data/data-covid-19-vaccination-eu-eea
11 European CDC, via Marino van Zelst	33304419	https://github.com/mzelst/covid-19
12 Extraordinary commissioner for the Covid-19 emergency	11906200	https://www.github.com/extraordinary-commissioner-for-the-covid-19-emergency



### **/\* Task D5 \*/**

```

select date as 'Date', (select peoplefullyvaccinated from vaccinations where isocode
= (select isocode from locations where location = 'Australia') and date = vaccinations.date) as
'Australia',
(select peoplefullyvaccinated from vaccinations where isocode
= (select isocode from locations where location = 'United States') and date =
vaccinations.date) as
'United States',
(select peoplefullyvaccinated from vaccinations where isocode
= (select isocode from locations where location = 'England') and date = vaccinations.date) as
'England',
(select peoplefullyvaccinated from vaccinations where isocode
= (select isocode from locations where location = 'China') and date = vaccinations.date) as
'China' from vaccinations group by date order by date;

```

Total rows loaded: 562

	Date	Australia	United States	England	China
1	01-01-2021	NULL	51296	NULL	
2	01-01-2022		209522545	39820104	
3	01-02-2021	NULL	7952333	462503	
4	01-02-2022	20228401	214444610	40654197	
5	01-03-2021	12	30775798	612567	
6	01-03-2022	20490408	217409037	41160237	
7	01-04-2021	79244	66754537	3931103	
8	01-04-2022	21260487	218943049	41544072	
9	01-05-2021	260011	115901002	12835358	
10	01-05-2022	21528799	220389046	41813508	
11	01-06-2021	541115	147494028	22153420	
12	01-06-2022	21616911	221563862	42034112	1256857000
13	01-07-2021	1726273	163655347	27930697	
14	01-08-2021	3964723	170872635	32110377	
...	...	...	...	...	...

