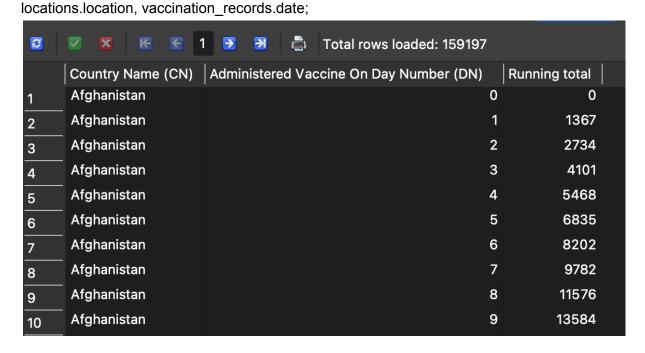
D1: **SELECT** locations.location AS 'Country Name (CN)', SELECT COUNT(DISTINCT date) - 1 FROM vaccination records vax WHERE vax.iso_code = vaccination_records.iso_code AND vax.date <= vaccination records.date) AS 'Administered Vaccine On Day Number (DN)', SUM(vaccination records.daily vaccinations) OVER (PARTITION BY vaccination records.iso code ORDER BY vaccination records.date ROWS BETWEEN UNBOUNDED PRECEDING AND CURRENT ROW) AS 'Running total' **FROM** vaccination_records **JOIN** locations ON vaccination records.iso code = locations.iso code WHERE vaccination records.iso code NOT LIKE 'OWID %' OR vaccination records.iso code IN ('OWID_CYN','OWID_ENG"OWID_KOS','OWID_WLS','OWID_NIR','OWID_SCT') **ORDER BY**



D2: SELECT locations.location AS 'Country', MAX(vax2.running_total) AS 'Cumulative Doses' FROM (**SELECT**

vaccination_records.iso_code,

SUM(vaccination_records.daily_vaccinations) AS running_total

FROM

vaccination_records

GROUP BY

vaccination_records.iso_code

) vax2

JOIN

locations ON vax2.iso_code = locations.iso_code

WHERE

vax2.iso_code NOT LIKE 'OWID_%'

OR vax2.iso_code IN

('OWID_CYN','OWID_ENG"OWID_KOS','OWID_WLS','OWID_NIR','OWID_SCT')

GROUP BY

locations.location

ORDER BY

MAX(vax2.running_total) DESC;

2		Total rows loaded: 221
	Country	Cumulative Doses
1	China	3489857504
2	India	2207170128
3	United States	676752536
4	Brazil	486443880
5	Indonesia	447564833
6	Japan	383744042
7	Bangladesh	358785293
8	Pakistan	338929030
9	Vietnam	266414107
10	Mexico	221234504

D3:

SELECT

vaccine_by_country.vaccines AS 'Vaccine Type',

locations.location AS 'Country'

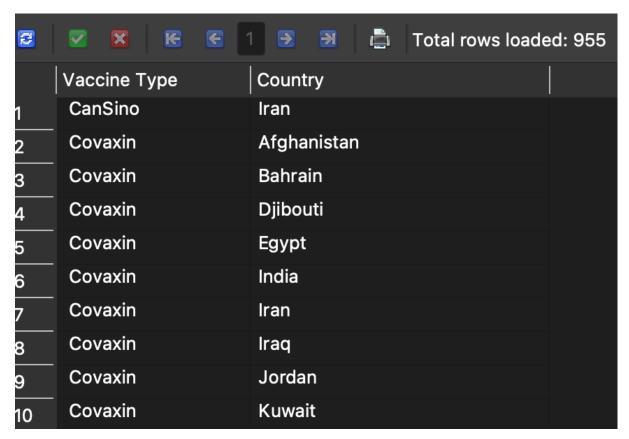
FROM

vaccine_by_country

JOIN

locations ON vaccine_by_country.iso_code = locations.iso_code ORDER BY

vaccine_by_country.vaccines, locations.location;



```
D4:
SELECT
locations.source website AS "Source Name (URL)",
SUM(max_values.max_total_vaccinations) AS "Largest total Administered Vaccines"
FROM
locations
JOIN
SELECT
iso code,
MAX(total_vaccinations) AS max_total_vaccinations
FROM
vaccination_records
GROUP BY
iso_code
) max values ON locations.iso code = max values.iso code
WHERE
locations.iso_code NOT IN (
'OWID_AFR', 'OWID_ASI', 'OWID_EUR', 'OWID_EUN', 'OWID_SAM',
'OWID_HIC', 'OWID_LIC', 'OWID_LMC', 'OWID_NAM', 'OWID_OCE',
'OWID_UMC', 'OWID_WRL'
```

```
)
GROUP BY
locations.source website
HAVING
SUM(max values.max total vaccinations) = (
SELECT
MAX(sum_total_vaccinations)
FROM
SELECT
locations.source_website,
SUM(max_values.max_total_vaccinations) AS sum_total_vaccinations
FROM
locations
JOIN
SELECT
iso code,
MAX(total_vaccinations) AS max_total_vaccinations
FROM
vaccination records
GROUP BY
iso code
) max_values ON locations.iso_code = max_values.iso_code
WHERE
locations.iso_code NOT IN (
'OWID AFR', 'OWID ASI', 'OWID EUR', 'OWID EUN', 'OWID SAM',
'OWID_HIC', 'OWID_LIC', 'OWID_LMC', 'OWID_NAM', 'OWID_OCE',
'OWID_UMC', 'OWID_WRL'
)
GROUP BY
locations.source_website
) max_sums
)
ORDER BY
"Largest total Administered Vaccines" DESC;
💈 🗸 🗏 🗲 🧲 1 💽 🖼 🛅 Total rows loaded: 1
 Source Name (URL)
                                                            Largest total Administered Vaccines
  https://data.cdc.gov/Vaccinations/COVID-19-Vaccination-Trends-in-the-United-States-N/\dots\\
                                                                             676728782
D5:
SELECT
```

strftime('%Y-%m', vaccination_records.date) AS Date, MAX(CASE WHEN locations.location = 'Australia' THEN

vaccination records.people fully vaccinated END) AS Australia,

MAX(CASE WHEN locations.location = 'United States' THEN

vaccination_records.people_fully_vaccinated END) AS "United States",

MAX(CASE WHEN locations.location = 'England' THEN

vaccination_records.people_fully_vaccinated END) AS England,

MAX(CASE WHEN locations.location = 'New Zealand' THEN

vaccination_records.people_fully_vaccinated END) AS "New Zealand"

FROM

vaccination_records

JOIN

locations ON vaccination_records.iso_code = locations.iso_code

WHERE

vaccination_records.date >= '2022-01-01' AND vaccination_records.date < '2023-01-01'

AND vaccination_records.iso_code IN ('AUS', 'USA', 'OWID_ENG', 'NZL')

GROUP BY

strftime('%Y-%m', vaccination_records.date)

ORDER BY

strftime('%Y-%m', vaccination_records.date);

Ø	☑ 🕱	€ €	1 🗷 🗷 i	🛐 🔃 Total rows loaded: 12		
	Date	Australia	United States	England	New Zealand	
1	2022-01		215215443	40630005	3926219	
2	2022-02	20483240	218330536	41146925	3963541	
3	2022-03	21240452	219898973	41533968	4056323	
4	2022-04	21527099	221433810	41808368	4093200	
5	2022-05	21614599	222623670	42026346	4103068	
6	2022-06		223512235	42170260	4113618	
7	2022-07		224439379	42463117	4126090	
8	2022-08		225287976	42634817	4130291	
9	2022-09		226506045	42709856	4132703	
10	2022-10		227924209	42800762	4134917	