# Task D.1

Table

Description automatically generated

**Query:**

SELECT date, daily\_vaccinations

FROM CountryVaccinations

WHERE iso\_code = (

SELECT iso\_code

FROM Locations

WHERE location = "Afghanistan"

);

# Task D.2

Table

Description automatically generated

**Query:**

SELECT (

SELECT location

FROM Locations

WHERE iso\_code = CountryVaccinations.iso\_code

)

AS Country,MAX(NULLIF(total\_vaccinations, "") ) AS [Total Vaccinations Administered]

FROM CountryVaccinations

WHERE total\_vaccinations NOT NULL

GROUP BY Country

ORDER BY Country ASC;

# Task D.3

Table

Description automatically generated

**Query:**

SELECT (

SELECT location

FROM Locations

WHERE iso\_code = LocationVaccines.iso\_code

)

AS Country,

(

SELECT name

FROM Vaccines

WHERE vaccine\_id = LocationVaccines.vaccine\_id

)

AS Vaccine

FROM LocationVaccines

ORDER BY Country ASC;

# Task D.4

Graphical user interface, text, application

Description automatically generated

**Query:**

SELECT SourceName AS [Source Name], SUM(TOTAL) AS [Total Vaccines Administered]

FROM (

SELECT CountryVaccinations.iso\_code, MAX(NULLIF(CountryVaccinations.total\_vaccinations, "") ) AS Total,

IFNULL(DataSource.source\_name, "Unknown Source - Data Unavaliable") AS SourceName,

DataSource.source\_website AS SourceWebsite

FROM CountryVaccinations LEFT JOIN

DataSource ON CountryVaccinations.iso\_code = DataSource.iso\_code

GROUP BY CountryVaccinations.iso\_code

)

GROUP BY SourceWebsite

ORDER BY SourceName ASC;

# Task D.5

Table

Description automatically generated

**Query:**

SELECT CountryDailyTotals.date,

MAX(CASE WHEN CountryDailyTotals.iso\_code = (

SELECT iso\_code

FROM Locations

WHERE location = 'Australia'

)

THEN CountryDailyTotals.people\_fully\_vaccinated END) AS Australia,

MAX(CASE WHEN CountryDailyTotals.iso\_code = (

SELECT iso\_code

FROM Locations

WHERE location = 'United States'

)

THEN CountryDailyTotals.people\_fully\_vaccinated END) AS [United States],

MAX(CASE WHEN CountryDailyTotals.iso\_code = (

SELECT iso\_code

FROM Locations

WHERE location = 'France'

)

THEN CountryDailyTotals.people\_fully\_vaccinated END) AS France,

MAX(CASE WHEN CountryDailyTotals.iso\_code = (

SELECT iso\_code

FROM Locations

WHERE location = 'Israel'

)

THEN CountryDailyTotals.people\_fully\_vaccinated END) AS Israel

FROM CountryDailyTotals

GROUP BY CountryDailyTotals.date

ORDER BY CountryDailyTotals.date DESC;