**Schema:**

**Agegroups (**age\_group\_id**,** groups**)**

**AgegroupVaccination (**iso\_code\*, date, age\_group\_id\*, people\_vaccinated\_perhundred, people\_fully\_vaccinated\_per\_hundred**)**

**CountryDailyTotals(**iso\_code\*, date, data\_source\_id\*, vaccine\_id\*, total\_vaccinations, people\_vaccinated, people\_fully\_vaccinated**)**

**Countrydailystatetotals(**iso\_code\*, location,date,total\_vaccinations,total\_distributed,

people\_vaccinated, people\_fully\_vaccinated\_per\_hundred, total\_vaccinations\_per\_hundred,

people\_fully\_vaccinated, people\_vaccinated\_per\_hundred,distributed\_per\_hundred,

daily\_vaccinations\_raw, daily\_vaccinations,daily\_vaccinations\_per\_million,

share\_doses\_used**)**

**CountryVaccByManufacture(**iso\_code\*,date , vaccine\_id\*, ,total\_vaccinations**)**

**CountryVaccinations-** (iso\_code \*, date, total\_vaccinations,

people\_vaccinated,people\_fully\_vaccinated,daily\_vaccinations\_raw,daily\_vaccinations,total\_vaccinations\_per\_hundred,people\_vaccinated\_per\_hundred,people\_fully\_vaccinated\_per\_hundred, daily\_vaccinations\_per\_million

**Datasource(**data\_source\_id, iso\_code\*, source\_name, source\_website, last\_observation**)**

**Locations(**iso\_code, location**)**

**LocationsVaccines(**iso\_code\*, vaccine\_id\*, date\_avaliable, date\_unavaliable, data\_source\_id\***)**

**Vaccines(**vaccine\_id**,** name**)**

**Database SQL**

CREATE TABLE AgeGroups (

age\_group\_id INTEGER PRIMARY KEY AUTOINCREMENT,

[groups] STRING NOT NULL

);

CREATE TABLE AgeGroupVaccinations (

iso\_code STRING REFERENCES Locations (iso\_code)

NOT NULL,

date DATE NOT NULL,

age\_group\_id INTEGER REFERENCES AgeGroups (age\_group\_id)

NOT NULL,

people\_vaccinated\_perhundred INTEGER,

people\_fully\_vaccinated\_per\_hundred INTEGER

);

CREATE TABLE CountryDailyTotals (

iso\_code INTEGER REFERENCES Locations (iso\_code)

NOT NULL,

date DATE NOT NULL,

data\_source\_id INTEGER REFERENCES DataSource (data\_source\_id)

NOT NULL,

vaccine\_id INTEGER REFERENCES Vaccines (vaccine\_id)

NOT NULL,

total\_vaccinations INTEGER,

people\_vaccinated INTEGER,

people\_fully\_vaccinated INTEGER

);

CREATE TABLE CountryStateDailyTotals (

iso\_code REFERENCES Locations (iso\_code)

NOT NULL,

location STRING NOT NULL,

date DATE NOT NULL,

total\_vaccinations INTEGER,

total\_distributed INTEGER,

people\_vaccinated INTEGER,

people\_fully\_vaccinated\_per\_hundred INTEGER,

total\_vaccinations\_per\_hundred INTEGER,

people\_fully\_vaccinated INTEGER,

people\_vaccinated\_per\_hundred INTEGER,

distributed\_per\_hundred INTEGER,

daily\_vaccinations\_raw INTEGER,

daily\_vaccinations INTEGER,

daily\_vaccinations\_per\_million INTEGER,

share\_doses\_used INTEGER

);

CREATE TABLE CountryVaccByManufacturer (

iso\_code INTEGER REFERENCES Locations (iso\_code)

NOT NULL,

date DATE NOT NULL,

vaccine\_id INTEGER NOT NULL

REFERENCES Vaccines (vaccine\_id),

total\_vaccinations INTEGER

);

CREATE TABLE CountryVaccinations (

iso\_code STRING REFERENCES Locations (iso\_code)

NOT NULL,

date DATE NOT NULL,

total\_vaccinations INTEGER,

people\_vaccinated INTEGER,

people\_fully\_vaccinated INTEGER,

daily\_vaccinations\_raw INTEGER,

daily\_vaccinations INTEGER,

total\_vaccinations\_per\_hundred INTEGER,

people\_vaccinated\_per\_hundred INTEGER,

people\_fully\_vaccinated\_per\_hundred INTEGER,

daily\_vaccinations\_per\_million INTEGER

);

CREATE TABLE DataSource (

data\_source\_id INTEGER PRIMARY KEY AUTOINCREMENT,

iso\_code STRING REFERENCES Locations (iso\_code)

NOT NULL,

source\_name STRING NOT NULL,

source\_website STRING,

last\_observation DATE NOT NULL

);

CREATE TABLE Locations (

iso\_code STRING PRIMARY KEY

UNIQUE,

location STRING NOT NULL

);

CREATE TABLE LocationVaccines (

iso\_code STRING REFERENCES Locations (iso\_code)

NOT NULL,

vaccine\_id INTEGER REFERENCES Vaccines (vaccine\_id)

NOT NULL,

date\_avaliable DATE,

date\_unavaliable DATE,

data\_source\_id INTEGER REFERENCES DataSource (data\_source\_id)

NOT NULL

);

CREATE TABLE Vaccines (

vaccine\_id INTEGER PRIMARY KEY AUTOINCREMENT,

name STRING NOT NULL

);

**Task D1**

select location as "Country Name(CN)", date as "Administered Vaccine on Day Number (DN)", people\_vaccinated as "Total Injected People"

from locations l, CountryVaccinations cn

where l.iso\_code = cn.iso\_code

Group By date, location

Order by location.

**A screenshot of a computer

Description automatically generated**