SELECT

date,

location,

total\_cases,

total\_deaths,

(total\_deaths/total\_cases)\*100 AS 'Death Percentage'

FROM

dea

WHERE

date LIKE '%2022' AND location = 'United States'

ORDER BY 2,1

SELECT location,date,total\_cases,new\_cases,total\_deaths,population

FROM dea

WHERE date LIKE '%2022'

ORDER BY 1,2

--Looking at total cases vs total deaths

--This shows likelihood of dying if you contract covid in United States this year 2022

SELECT location,date,total\_cases,total\_deaths,(total\_deaths/total\_cases)\*100 as 'Death Percentage'

FROM dea

WHERE location = 'United States' AND date LIKE '%2022'

ORDER BY 1,2

--Looking at total cases vs population

--This shows the amount of the population that was infected by covid in 2022

SELECT location,date,total\_cases,population,(total\_cases/population)\*100 AS 'Population Infected'

FROM dea

WHERE date LIKE '%2022' AND location = 'United States'

ORDER BY 1,2

--Looking at countries with highest infection rate in 2022

SELECT location,MAX(total\_cases),MAX((total\_cases/population))\*100 AS 'Population Infected'

FROM dea

WHERE date LIKE '%2022' continent is not null

GROUP BY location, population

ORDER BY 3 DESC

-- This shows country with highest death count per population

SELECT location, MAX(CAST(total\_deaths AS int)) as 'Total Death Count'

FROM dea

WHERE continent is not null

GROUP BY location

ORDER BY 2 DESC

-- Looking at continent with highest death count

SELECT continent, MAX(CAST(total\_deaths AS int)) as 'Total Death Count'

FROM dea

WHERE continent is not null

GROUP BY continent

ORDER BY 2 DESC

--Global numbers and Death Percentage

SELECT SUM(new\_cases),SUM(new\_deaths),(SUM(new\_deaths)/SUM(new\_cases))\*100 AS 'Death Percentage'

FROM dea

WHERE continent is not NULL

--GROUP BY date

--ORDER BY 4 DESC

--Rolling People Vaccinated

SELECT d.continent, d.location, d.date, d.population, v.new\_vaccinations, SUM(CAST(v.new\_vaccinations AS int)) OVER (partition by d.location order by d.location, d.date),v.total\_vaccinations

FROM dea d

JOIN vac v

ON d.location = v.location AND d.date = v.date

WHERE d.continent is not NULL

ORDER BY 2,3