**-- Showing Countries with the highest death count by population**

SELECT Location, MAX(cast(Total\_deaths as int)) AS Total\_Death\_Count

FROM my-first-project-430900.Covid\_Project.Covid\_Deaths

WHERE continent is not null

GROUP BY Location

ORDER BY Total\_Death\_Count DESC

**-- Death count by continent**

SELECT Location, MAX(cast(Total\_deaths as int)) AS Total\_Death\_Count

FROM my-first-project-430900.Covid\_Project.Covid\_Deaths

WHERE continent is null

GROUP BY Location

ORDER BY Total\_Death\_Count DESC

**-- GLOBAL NUMBERS**

SELECT SUM(new\_cases) AS Total\_Cases, SUM(cast(new\_deaths as int)) as total\_deaths, SUM(cast(new\_deaths as int))/SUM(new\_cases)\*100 AS Percentage\_of\_Death

FROM my-first-project-430900.Covid\_Project.Covid\_Deaths

WHERE continent is not null

order by 1,2

**-- Looking at Total Cases vs Total Death**

SELECT Location, date, total\_cases, total\_deaths, (total\_deaths/total\_cases)\*100 AS Chance\_Of\_Death

FROM my-first-project-430900.Covid\_Project.Covid\_Deaths

WHERE Location = 'United States'

Order By Location, date

**--Looking at Total Cases Vs Population**

**-- Shows what percent of the population got covid**

SELECT Location, date, total\_cases, Population, (total\_cases/population)\*100 AS Percentage\_of\_Infection

FROM my-first-project-430900.Covid\_Project.Covid\_Deaths

Where Location = 'United States'

Order By Location, date

**-- Looking at the Countries with the Highest Infection Rate when compared to the total population**

SELECT Location, Population, MAX(total\_cases) as Highest\_Infection\_Count, MAX((total\_cases/population))\*100 AS Percent\_of\_Infection

FROM my-first-project-430900.Covid\_Project.Covid\_Deaths

GROUP BY Location, Population

Order By Percent\_of\_Infection DESC

**--Looking at Total Population Vs vaccinations**

SELECT dea.continent, dea.location, dea.date, dea.population, vac.new\_vaccinations, SUM(cast(vac.new\_Vaccinations as int)) OVER (PARTITION BY dea.Location ORDER BY dea.location, dea.Date) AS Aggregate\_Vaccinations

FROM my-first-project-430900.Covid\_Project.Covid\_Deaths AS dea

JOIN my-first-project-430900.Covid\_Project.Covid\_Vaccinations AS vac

On dea.location = vac.location

AND dea.date = vac.date

WHERE dea.continent is not null

ORDER By location, date