select \*

from `bigquery-sandbox420.COVID\_Dataset.COVID\_Deaths`

WHERE continent is not null

ORDER BY 3,4

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

FROM `bigquery-sandbox420.COVID\_Dataset.COVID\_Deaths`

ORDER BY 1,2

LIMIT 1000

LOOKING AT TOTAL CASES VS TOTAL DEATHS

SELECT location, date, total\_cases,total\_deaths, (total\_deaths/total\_cases)\*100 AS Death\_Percentage

FROM `bigquery-sandbox420.COVID\_Dataset.COVID\_Deaths`

ORDER BY 1,2

LOOKING AT TOTAL CASES VS POPULATIONS

SHOWS WHAT PERCENTAGE OF POPULATION GO COVID

SELECT location, date, total\_cases, population, (total\_cases/population)\*100 AS Percent\_of\_Population\_Infected

FROM `bigquery-sandbox420.COVID\_Dataset.COVID\_Deaths`

WHERE location = 'United States'

ORDER BY 1,2

Looking at Countries with Highest Infection Rate compared to Population

SELECT location, population, MAX(total\_cases) as Highest\_Infection\_Count, MAX((total\_cases/population))\*100 AS Percent\_Population\_Infected

FROM `bigquery-sandbox420.COVID\_Dataset.COVID\_Deaths`

GROUP BY location, population

ORDER BY Percent\_Population\_Infected DESC

SHOWING COUNTIES WITH HIGHEST DEATH COUNT per Population

SELECT location, MAX(cast(total\_deaths as int)) as Total\_Death\_Count

FROM `bigquery-sandbox420.COVID\_Dataset.COVID\_Deaths`

WHERE continent is not null

GROUP BY location

ORDER BY total\_Death\_Count desc

LETS BREAKDOWN BY continent

SELECT location, MAX(cast(total\_deaths as int)) as Total\_Death\_Count

FROM `bigquery-sandbox420.COVID\_Dataset.COVID\_Deaths`

WHERE continent is  null

GROUP BY location

ORDER BY total\_Death\_Count desc

Showing continent with the highest death count

SELECT continent, MAX(cast(total\_deaths as int)) as Total\_Death\_Count

FROM `bigquery-sandbox420.COVID\_Dataset.COVID\_Deaths`

WHERE continent is not null

GROUP BY continent

ORDER BY total\_Death\_Count desc

GLOBAL NUMBERS

SELECT date, 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 Death\_Percentage

FROM `bigquery-sandbox420.COVID\_Dataset.COVID\_Deaths`

--WHERE location like '%state%'

where continent is not null

GROUP BY date

ORDER BY 1,2

Total population vs Vaccination

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 Rolling\_People\_Vaccinated

from `bigquery-sandbox420.COVID\_Dataset.COVID\_Deaths`dea

join `bigquery-sandbox420.COVID\_Dataset.COVID\_Vacinations`vac

 on dea.location = vac.location

 and dea.date = vac.date

 where dea.continent is not null

 ORDER BY 2,3