SELECT \*

FROM coviddeaths

WHERE continent is not null

order by 3,4;

#Select data that we are going to use

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

FROM coviddeaths

WHERE continent is not null

order by 1,STR\_TO\_DATE(date, '%d-%m-%y');

#Looking at the total cases vs total deaths

#Shows the likelihood of dying if you contract covid in the United States

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

FROM coviddeaths

WHERE location like '%states%'

AND continent is not null

order by 1,STR\_TO\_DATE(date, '%d-%m-%y');

#Looking at the total cases vs population

#Shows what percentage of the population got Covid

SELECT Location, date, population, total\_cases, (total\_cases/population)\*100 Percent\_Population\_Infected

FROM coviddeaths

WHERE location like '%states%'

AND continent is not null

order by 1,STR\_TO\_DATE(date, '%d-%m-%y');

#Which country has the highest infection rate compared to population?

SELECT Location, population, MAX(total\_cases) highest\_infection\_count, MAX((total\_cases/population))\*100 Percent\_Population\_Infected

FROM coviddeaths

WHERE continent is not null

GROUP BY Location, Population

order by Percent\_Population\_Infected desc;

#Showing continents with the total death counts

SELECT continent, MAX(cast(conv(total\_deaths,16,10) AS UNSIGNED)) Total\_Death\_Counts

FROM coviddeaths

WHERE continent is not null

GROUP BY continent

order by Total\_Death\_Counts desc;

#Global numbers

SELECT date, SUM(new\_cases) total\_new\_cases, SUM(new\_deaths) total\_new\_deaths, (sum(new\_deaths)/sum(new\_cases))\*100 new\_death\_percentage

FROM coviddeaths

WHERE continent is not null

GROUP BY date

order by STR\_TO\_DATE(date, '%d-%m-%y');

SELECT SUM(new\_cases) total\_new\_cases, SUM(new\_deaths) total\_new\_deaths, (sum(new\_deaths)/sum(new\_cases))\*100 new\_death\_percentage

FROM coviddeaths

WHERE continent is not null

order by 1,2;