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

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject`

order by 1,2;

-- Looking at Total cases vs Total Deaths

select location,date,total\_cases,total\_deaths,(total\_deaths/total\_cases)\*100 as TcvsTd

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject`

where location like "%India%"

order by 1,2;

--Shows likihood of dying if you contract covid in your country

--looking at total cases vs population and show what % of population got coivd

select location,date,population,total\_cases,(total\_cases/population)\*100 as infectionpercent

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject`

where location like "%India%"

order by 1,2;

-- Looking at country with higest infection rate compared to population

select location,population,Max(total\_cases) as Highetesinfectedcount,Max((total\_cases/population))\*100 as percentinfected

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject`

group by location,population

order by  percentinfected desc;

-- showing Countries with highest Death Count per Population

select location,population,Max((total\_cases/total\_deaths)) \* 100 as PercentageOfDeaths,Max(cast(total\_deaths as int)) as TotalDeaths

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject`

where continent is not null

group by location,population

order by TotalDeaths desc ;

--Lets Break Thinghs by continent

select continent,population,Max((total\_cases/total\_deaths)) \* 100 as PercentageOfDeaths,Max(cast(total\_deaths as int)) as TotalDeaths

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject`

where continent is not null

group by continent,population

order by TotalDeaths desc ;

select location,population,Max((total\_cases/total\_deaths)) \* 100 as PercentageOfDeaths,Max(cast(total\_deaths as int)) as TotalDeaths

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject`

where continent is not null

group by location,population

order by TotalDeaths desc ;

--Globle Number

select Sum(new\_cases) as totalcase,sum(cast(new\_deaths as int)) as totaldeaths,sum(cast(new\_deaths as int))/sum(new\_cases)\*100 as Deathpercentage

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject`

where continent is not null

--group by date

order by 1,2;

select date,Sum(new\_cases) as totalcase,sum(cast(new\_deaths as int)) as totaldeaths,sum(cast(new\_deaths as int))/sum(new\_cases)\*100 as Deathpercentage

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject`

where continent is not null

group by date

order by 1,2;

--Vaccinations

select \*

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject` dea

join `primeval-camera-343913.CovidDeath\_Vaccination.covid\_vaccination`  vac

    on dea.location=vac.location

    and dea.date=vac.date;

--looking at total population vs total vaccination

select dea.continent,dea.location,dea.date,Population,vac.new\_vaccinations

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject` dea

join `primeval-camera-343913.CovidDeath\_Vaccination.covid\_vaccination`  vac

    on dea.location=vac.location

    and dea.date=vac.date

where dea.continent is not null

order by 2,3;

select dea.continent,dea.location,dea.date,Population,vac.new\_vaccinations,Sum(cast(vac.new\_vaccinations as int)) over (PARTITION by dea.location) as vaccinationAlongLocation

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject` dea

join `primeval-camera-343913.CovidDeath\_Vaccination.covid\_vaccination`  vac

    on dea.location=vac.location

    and dea.date=vac.date

where dea.continent is not null

order by 2,3;

select dea.continent,dea.location,dea.date,Population,vac.new\_vaccinations,Sum(cast(vac.new\_vaccinations as int)) over (PARTITION by dea.location) as vaccinationAlongLocation

from `primeval-camera-343913.CovidDeath\_Vaccination.potfolioproject` dea

join `primeval-camera-343913.CovidDeath\_Vaccination.covid\_vaccination`  vac

    on dea.location=vac.location

    and dea.date=vac.date

where dea.continent is not null

order by 2,3;