select \*

from `covid-337618.covid.covid-death`

order by 3,4;

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

from `covid-337618.covid.covid-death`

order by 1,2;

-- looking at total cases vs total deaths

select location,date,total\_cases,new\_cases,total\_deaths,population,(total\_deaths/total\_cases)\*100 as deathpercentage,

from `covid-337618.covid.covid-death`

where location like '%Kingdom%'

order by 1,2;

--Looking at the Total cases vs Population

--shows what percentage of population got covid

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

from `covid-337618.covid.covid-death`

--where location like '%Kingdom%'

order by 1,2;

--looking at countries with highest infection rate compared to population

select location, population,max(total\_cases)as HighestInfectionCount,max (total\_cases/population)\*100 as populationpercentage,

from `covid-337618.covid.covid-death`

group by population,location

order by populationpercentage desc;

--- Showing Countries with highest death count per population

select location, max(total\_deaths)as TotalDeathCount

from `covid-337618.covid.covid-death`

where continent is not null

group by location

order by TotalDeathCount desc;

-- breaking down by continent

---- showing continents with highest death count per population

select continent, max(total\_deaths)as TotalDeathCount

from `covid-337618.covid.covid-death`

where continent is not null

group by continent

order by TotalDeathCount desc;

--- global numbers

select sum(new\_cases) as totalcases, sum(new\_deaths) as totaldeaths, sum(new\_deaths)/sum(new\_cases) \* 100 as deathpercentage

from `covid-337618.covid.covid-death`

where continent is not null

---group by date

order by 1,2;

---looking total population vs vaccinations

with PopvsVac --( continent, location,date, population, new\_vaccinations, RollingPeopleVaccinated)

as

( select dea.continent,dea.location,dea.date,dea.population,vac.new\_vaccinations,

sum(vac.new\_vaccinations) over (partition by dea.location order by dea.population,dea.date) as RollingPeopleVaccinated

from `covid-337618.covid.covid-death` dea

join `covid-337618.covid.covid-vaccinations` vac

on dea.location=vac.location

and dea.date= vac.date

where dea.continent is not null

--order by 2,3

)

select \*, (RollingPeopleVaccinated/population)\*100

from PopvsVac;

--- temp table

--drop table if exists ~PercentPopulatedVaccinated

create temp table PercentPopulatedVaccinated

(

    Continent string,

    Location string,

    date datetime,

    Population numeric,

    new\_vaccinations numeric,

    RollingPeopleVaccinated numeric

);

insert into PercentPopulatedVaccinated

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

sum(vac.new\_vaccinations) over (partition by dea.location order by dea.population,dea.date) as RollingPeopleVaccinated

from `covid-337618.covid.covid-death` dea

join `covid-337618.covid.covid-vaccinations` vac

on dea.location=vac.location

and dea.date= vac.date

where dea.continent is not null ;

--order by 2,3

select \*, (RollingPeopleVaccinated/population)\*100

from PercentPopulatedVaccinated;