-- Shows Percentage of Total Deaths with Total Cases of Covid in your country

Select Location, date, total\_cases,total\_deaths, (total\_deaths/total\_cases)\*100 as DeathPercentage

From covidportfolio..CovidDeaths

Where location like 'India'

and continent is not null

order by 1,2

-- Shows percentage of population infected with Covid

select Location, date, total\_cases, population, (total\_cases/population)\*100 as PercentPopulationInfected

from covidportfolio..CovidDeaths

Where location like 'India'

and continent is not null

order by 1,2

-- Countries with Highest Infection Rate compared to Population

Select Location, Population, MAX(total\_cases) as HighestInfectionCount, Max((total\_cases/population))\*100 as PercentPopulationInfected

From covidportfolio..CovidDeaths

--Where location like 'India'

Group by Location, Population

order by PercentPopulationInfected desc

-- Countries with Highest Death Count per Population

Select Location, MAX( cast (total\_deaths as int)) as TotalDeathCount

From covidportfolio..CovidDeaths

--Where location like 'India'

Group by Location

order by TotalDeathCount desc

-- Showing contintents with the highest death count per population

Select continent, MAX(cast(Total\_deaths as int)) as TotalDeathCount

From covidportfolio..CovidDeaths

--Where location like '%states%'

Where continent is not null

Group by continent

order by TotalDeathCount 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 DeathPercentage

From covidportfolio..CovidDeaths

--Where location like '%states%'

where continent is not null

--Group By date

order by 1,2

-- Shows Percentage of Population that has recieved at least one Covid Vaccine

With PopvsVac (Continent, Location, Date, Population, New\_Vaccinations, RollingPeopleVaccinated)

as

(

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

, SUM(CONVERT(int,vac.new\_vaccinations)) OVER (Partition by dea.Location Order by dea.location, dea.Date) as RollingPeopleVaccinated

From covidportfolio..CovidDeaths dea

Join covidportfolio..CovidVaccinations 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