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

FROM `practice-337306.Portfolio\_project.coviddeaths`

ORDER BY 1,2

--This shows the likelihood of dying when you get covid in Ghana

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

FROM `practice-337306.Portfolio\_project.coviddeaths`

WHERE location = 'Ghana'

ORDER BY 1,2

--Shows percentage of population that got covid in Ghana

SELECT location,date,population, total\_cases, (total\_cases/population)\*100 as covidinfected\_Percentage

FROM `practice-337306.Portfolio\_project.coviddeaths`

WHERE location = 'Ghana'

ORDER BY 1,2

--Showing countries with highest death count per population

SELECT location, MAX(total\_deaths) as Total\_death\_count

FROM `practice-337306.Portfolio\_project.coviddeaths`

WHERE continent is not null

GROUP BY location

ORDER BY Total\_death\_count desc

--LET'S LOOK AT continent

SELECT continent, MAX(total\_deaths) as Total\_death\_count

FROM `practice-337306.Portfolio\_project.coviddeaths`

WHERE continent !=

ORDER BY Total\_death\_count de'null'

GROUP BY continentsc

--Global Numbers

SELECT date, SUM(new\_cases) as Total\_cases, SUM(new\_deaths) as Total\_deaths, SUM(new\_deaths)/SUM(new\_cases)\*100 as Death\_Percentage

FROM `practice-337306.Portfolio\_project.coviddeaths`

WHERE continent != 'null'

GROUP BY date

ORDER BY 1,2

--World percentage

SELECT SUM(new\_cases) as Total\_cases, SUM(new\_deaths) as Total\_deaths, SUM(new\_deaths)/SUM(new\_cases)\*100 as Death\_Percentage

FROM `practice-337306.Portfolio\_project.coviddeaths`

WHERE continent != 'null'

--GROUP BY date

ORDER BY 1,2

--Joining 2 dataset

SELECT \*

FROM `practice-337306.Portfolio\_project.coviddeaths` dea

join `practice-337306.Portfolio\_project.covidVaccination` vac

on dea.location =vac.location

and dea.date = vac.date

--Looking at Total Population vs Vaccination

SELECT dea.continent, dea.location, dea.population, vac.new\_vaccinations

FROM `practice-337306.Portfolio\_project.coviddeaths` dea

join `practice-337306.Portfolio\_project.covidVaccination` vac

on dea.location =vac.location

and dea.date = vac.date

WHERE dea.continent != 'null'

ORDER BY 2,3

-- Rolling People Vaccinated

SELECT dea.continent, dea.location, dea.population, vac.new\_vaccinations

,SUM(vac.new\_vaccinations) OVER (PARTITION BY dea.location ORDER BY dea.location,dea.date) as RollingPeopleVaccinated

FROM `practice-337306.Portfolio\_project.coviddeaths` dea

join `practice-337306.Portfolio\_project.covidVaccination` vac

on dea.location =vac.location

and dea.date = vac.date

WHERE dea.continent != 'null'

ORDER BY 2,3

--USING CTE

WITH PopvsVac

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.location,dea.date) as RollingPeopleVaccinated

FROM `practice-337306.Portfolio\_project.coviddeaths` dea

join `practice-337306.Portfolio\_project.covidVaccination` vac

on dea.location =  vac.location

and dea.date = vac.date

WHERE dea.continent != 'null'

)

SELECT \*,  (RollingPeopleVaccinated/Population)\*100 AS PercentPopulationVaccinated

FROM PopvsVac;