

```
SELECT *
FROM `portfolioproject-394907.PortfolioProject.covid_deaths`
WHERE continent is not null
ORDER BY 3,4
```

```
SELECT *
FROM `portfolioproject-394907.PortfolioProject.covid_vaccination`
ORDER BY 3,4
```

--select Data that we are going to be using

```
SELECT location, date, total_cases, new_cases, total_deaths, population
FROM `portfolioproject-394907.PortfolioProject.covid_deaths`
ORDER BY 1,2
```

--looking at total cases vs total Deaths

--shows likelihood of dying if you contract covid in your country

```
SELECT location, date, total_cases, total_deaths, (total_deaths/total_cases)*100 AS
deathpercentage
FROM `portfolioproject-394907.PortfolioProject.covid_deaths`
--where location like '%states%'-- optional when you want to search by the location
WHERE location like 'Japan'
ORDER BY 1,2
```

--looking out total cases vs population

--shows what percentage of population got Covid

```
SELECT location, date, total_cases, population, (total_cases/population)*100 AS
infectedpercentage
FROM `PortfolioProject.covid_deaths`
--where location like '%states%'--
WHERE location like '%Japan%'
ORDER BY 1,2
```

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

```
SELECT location, MAX(total_cases) as highestinfectioncount, population,
MAX((total_cases/population))*100 AS PercentPopulationInfected
FROM `PortfolioProject.covid_deaths`
--where location like '%states%'--
GROUP BY location, population
ORDER BY PercentPopulationInfected desc
```

--showing countries with highest death count per population

```
SELECT location, MAX(CAST(total_deaths as int)) AS TotalDeathCount
FROM `PortfolioProject.covid_deaths`
--where location like '%states%'--
GROUP BY location
ORDER BY TotalDeathCount DESC
```

--Let's break things down by continent

--showing continent with the highest death count per population

```

SELECT continent, MAX(cast(total_deaths as int)) AS TotalDeathCount
FROM `PortfolioProject.covid_deaths`
--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 `PortfolioProject.covid_deaths`
WHERE continent is not null
ORDER BY 1,2

```

--- covid\_vaccination

```

SELECT *
FROM PortfolioProject.covid_deaths dea
JOIN PortfolioProject.covid_vaccination vac
    ON dea.location = vac.location
    and dea.date = vac.date

SELECT dea.continent, dea.location, dea.date, dea.population, vac.new_vaccination
FROM PortfolioProject.covid_deaths dea
JOIN PortfolioProject.covid_vaccination vac
    ON dea.location = vac.location
    and dea.date = vac.date
WHERE dea.continent is not null
ORDER BY 2,3

```