**Looking at total cases vs Total Deaths:**

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

FROM `jalen-johnson.DataProject.COVID Deaths`

Where location like '%States%' (This is to weed out anything not labeled United States in chart)

ORDER BY 1,2

**Looking at total cases vs Population: Shows what percentage of population got Covid**

SELECT Location, date, total\_cases,Population,(total\_cases/population)\*100 as DeathPercentage

FROM `jalen-johnson.DataProject.COVID Deaths`

Where location like '%States%'

ORDER BY 1,2

**Looking at Countries with the Highest Infection Rate compared to Population:**

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

FROM `jalen-johnson.DataProject.COVID Deaths`

Where location like '%States%'

GROUP BY Location, population

ORDER BY 1,2

**Showing countries with the highest death count per population**

SELECT Location,MAX(cast(Total\_deaths as int)) as TotalDeathCount

FROM `jalen-johnson.DataProject.COVID Deaths`

Where continent is not null

GROUP BY Location

ORDER BY TotalDeathCount desc

**Breaking Deaths down by continent:**

SELECT location,MAX(cast(Total\_deaths as int)) as TotalDeathCount

FROM `jalen-johnson.DataProject.COVID Deaths`

Where continent is null

GROUP BY location

ORDER BY TotalDeathCount desc

-- Showing Continent with the highest death counts

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

FROM `jalen-johnson.DataProject.COVID Deaths`

Where continent is not null

GROUP BY continent

ORDER BY TotalDeathCount desc

**Joining 2 different tables into one:**

SELECT\*

FROM `jalen-johnson.DataProject.COVID Deaths` Dea

JOIN `jalen-johnson.DataProject.Covid Vaccinations` Vac

on Dea.location = Vac.location

and Dea.date= Vac.date

-- Looking at Total Population vs Vaccinations

SELECT Dea.continent, Dea.location, Dea.date, Dea.Population, Vac.New\_vaccinations

FROM `jalen-johnson.DataProject.COVID Deaths` Dea

JOIN `jalen-johnson.DataProject.Covid Vaccinations` Vac

on Dea.location = Vac.location

and Dea.date= Vac.date

WHERE dea.continent is not null

ORDER BY 2,3

SELECT \*

FROM `jalen-johnson.DataProject.COVID Deaths`

Where continent is not null

ORDER BY 3,4

SELECT location,MAX(cast(Total\_deaths as int)) as TotalDeathCount

FROM `jalen-johnson.DataProject.COVID Deaths`

Where continent is null

GROUP BY location

ORDER BY TotalDeathCount desc

-- Showing Continent with the highest death counts

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

FROM `jalen-johnson.DataProject.COVID Deaths`

Where continent is not null

GROUP BY continent

ORDER BY TotalDeathCount desc

-- Global Number

SELECT date, total\_cases,Population,(total\_cases/population)\*100 as DeathPercentage

FROM `jalen-johnson.DataProject.COVID Deaths`

Where continent is not null

GROUP BY date

ORDER BY 1,2

SELECT\*

FROM `jalen-johnson.DataProject.COVID Deaths` Dea

JOIN `jalen-johnson.DataProject.Covid Vaccinations` Vac

on Dea.location = Vac.location

and Dea.date= Vac.date

-- Looking at Total Population vs Vaccinations

SELECT Dea.continent, Dea.location, Dea.date, Dea.Population, Vac.New\_vaccinations,SUM(CastVac.New\_vaccinations) OVER(PARTITION BY Dea.location)

FROM `jalen-johnson.DataProject.COVID Deaths` Dea

JOIN `jalen-johnson.DataProject.Covid Vaccinations` Vac

on Dea.location = Vac.location

and Dea.date= Vac.date

WHERE dea.continent is not null

ORDER BY 2,3