```sql
--Viewing first table
Select * from `Forage2.CovidDeaths`
where continent is not null
 ORDER BY 3,4

--Viewing Second table
 SELECT * from `Forage2.CovidVaccinations`
 ORDER BY 3,4


-- confirming that i can join both tables
SELECT FCV.iso_code, FCV.total_tests, total_deaths
 FROM `forage-381908.Forage2.CovidVaccinations` as FCV
 Join `forage-381908.Forage2.CovidDeaths` as FCD
 on FCV.iso_code = FCD.iso_code


 --Selecting Data I would be using
 Select Location, date, total_cases, new_cases, total_deaths,
population
 from `Forage2.CovidDeaths`
 order by 1,2


 --Checking out the ratio between total cases and total deaths
specifically in Africa
  Select continent, date, total_cases, total_deaths,
(Total_deaths/total_cases)*100 as DeathPercentage
 from `Forage2.CovidDeaths`
 where continent = 'Africa'
 order by 2 desc


--Checking out what percentage of the population in Africa got
covid
 Select continent, date, total_cases, Population, (Total_cases/
Population)*100 as InfectedPercentage
 from `Forage2.CovidDeaths`
 where continent = 'Africa'
 order by 2 desc

 --Checking out the Locations with the highest infection rate in
comparison with their population
Select Location, Population, Max(total_cases) as
HighestInfectionCount,Max (Total_cases/Population)*100 as
InfectedPercentage
 from `Forage2.CovidDeaths`
 where continent is not null
 Group by Location, Population
 order by InfectedPercentage desc
```

```sql
 --looking at locations with the highest death count per
population
 Select Location, Population, Max(total_deaths) as
HighestDeathCount,Max (total_deaths/Population)*100 as
DeathPercentage
 from `Forage2.CovidDeaths`
 where continent is not null
 Group by Location, Population
 order by DeathPercentage desc

--Comparing the total new cases and new deaths per day
 select date, sum(new_cases) as TotalNewCases, sum(new_deaths) as
TotalNewDeath, sum(new_deaths)/sum(new_cases) as DeathPercentage
 from `Forage2.CovidDeaths`
 where continent is not null
 Group by date

--Comparing the total new cases and new deaths overall
 select sum(new_cases) as TotalNewCases, sum(new_deaths) as
TotalNewDeath, sum(new_deaths)/sum(new_cases) as DeathPercentage
 from `Forage2.CovidDeaths`
 where continent is not null

 --joining the two tables again
 SELECT *
 FROM `forage-381908.Forage2.CovidVaccinations` as FCV
 Join `forage-381908.Forage2.CovidDeaths` as FCD
 on FCV.location = FCD.location
 and FCV.date = FCD.date
 limit 1000

 --Looking at how many people in the world have been vacinated
incrementally per day
  SELECT FCD.continent, FCD.location,FCD.date,
FCD.population,FCV.new_vaccinations, sum(FCV.new_vaccinations)
over (partition by fcd.location order by fcd.location,FCD.date) as
RollingPeopleVacinated
 FROM `forage-381908.Forage2.CovidVaccinations` as FCV
 Join `forage-381908.Forage2.CovidDeaths` as FCD
 on FCV.location = FCD.location
 and FCV.date = FCD.date
 WHERE FCD.continent IS NOT NULL
 ORDER BY 2,3 desc

--Using Temp Tables
create temp table PercentPopulationVacinated as
select 1 as Continent,
 2 as Location, 3 as Date, 4 as Population, 5 as new_vaccination,
6 as RollingPeopleVaccinated
insert into PercentPopulationVacinated
 SELECT FCD.continent, FCD.location,FCD.date,
FCD.population,FCV.new_vaccinations, sum(FCV.new_vaccinations)
```

```
over (partition by fcd.location order by fcd.location,FCD.date) as
RollingPeopleVacinated
 FROM `forage-381908.Forage2.CovidVaccinations` as FCV
 Join `forage-381908.Forage2.CovidDeaths` as FCD
 on FCV.location = FCD.location
 and FCV.date = FCD.date
 WHERE FCD.continent IS NOT NULL
 ORDER BY 2,3 desc
```