```sql
SELECT *
FROM `covid2019-415202.Covid2019.CovidDeaths`
WHERE continent IS NOT NULL
ORDER BY 3,4



SELECT location, date, new_cases, total_cases, population
FROM `covid2019-415202.Covid2019.CovidDeaths`
WHERE continent IS NOT NULL
 AND WHERE location = 'Europe'
ORDER BY 1,2

/* looking at total cases vs total eeaths */
SELECT location, date, total_cases,total_deaths, (total_deaths/total_cases)*100
 AS DeathPercentage
FROM `covid2019-415202.Covid2019.CovidDeaths`
WHERE continent IS NOT NULL
 AND WHERE location = 'Europe'
ORDER BY 1,2

/* looking at total_cases vs population */
SELECT location, date, population, total_cases, (total_cases / population) *100
AS PercentageOfPopulationInfected
FROM `covid2019-415202.Covid2019.CovidDeaths`
WHERE continent IS NOT NULL
 AND WHERE location = 'Europe'
 ORDER BY 1,2

/* looking at Country with highest infection rate compared to population*/
SELECT location, population, MAX(total_cases) AS HighestInfectionCount,
     MAX((total_cases / population)) *100
 AS PercentageOfPopulationInfected
FROM `covid2019-415202.Covid2019.CovidDeaths`
 WHERE continent IS NOT NULL
   GROUP BY  location, population
```

```
    ORDER BY  PercentageOfPopulationInfected DESC

/* Looking at the highest death count per population */
SELECT location, MAX(total_deaths) AS TotalDeathCount
FROM `covid2019-415202.Covid2019.CovidDeaths`
 WHERE continent IS NOT NULL
   GROUP BY location
     ORDER BY TotalDeathCount DESC

/* Breaking it down by continents */
SELECT continent, MAX(total_deaths) AS TotalDeathCount
FROM `covid2019-415202.Covid2019.CovidDeaths`
 WHERE continent IS NOT NULL
   GROUP BY continent
     ORDER BY TotalDeathCount DESC

/* This shows the correct numbers */
SELECT location, MAX(total_deaths) AS TotalDeathCount
FROM `covid2019-415202.Covid2019.CovidDeaths`
 WHERE continent IS NULL
   GROUP BY location
     ORDER BY TotalDeathCount DESC

/* global numbers */
SELECT SUM(new_cases) AS Total_Cases, SUM(new_deaths) AS Total_Death,
SUM(new_deaths) / SUM(new_cases)* 100 AS DeathPercentage
FROM `covid2019-415202.Covid2019.CovidDeaths`
WHERE continent IS NOT NULL
   ORDER BY 1,2

SELECT location, SUM(new_deaths) AS TotalDeathCount
FROM `covid2019-415202.Covid2019.CovidDeaths`
WHERE continent IS NULL
AND location NOT IN
( "World", "European Union", "International")
GROUP BY location
```

```sql
ORDER BY TotalDeathCount

/* Using the second table, CovidVaccines */
SELECT *
FROM `covid2019-415202.Covid2019.CovidDeaths` death
JOIN `covid2019-415202.Covid2019.CovidVaccines` vac
 ON death.location = vac.location
   AND death.date = vac.date

/* Looking at total vaccination  vs population */
SELECT death.continent, death.location, death.date, death.population,
vac.new_vaccinations,
 SUM(CAST (vac.new_vaccinations AS INT))OVER
   (PARTITION BY death.location
     ORDER BY death.location, death.date ) AS Rollingpeoplevaccinated
FROM `covid2019-415202.Covid2019.CovidDeaths` death
JOIN `covid2019-415202.Covid2019.Covidvaccines` vac
 ON death.location = vac.location
   AND death.date = vac.date
WHERE death.continent IS NOT NULL
AND vac.new_vaccinations IS NOT NULL
ORDER BY 2,3

/* Using CTE */
WITH popVSvac AS (
 SELECT death.continent, death.location, death.date, death.population,
vac.new_vaccinations,
   SUM(CAST(vac.new_vaccinations AS INT)) OVER
     (PARTITION BY death.location
       ORDER BY death.location, death.date) AS Rollingpeoplevaccinated
 FROM `covid2019-415202.Covid2019.CovidDeaths` death
 JOIN `covid2019-415202.Covid2019.Covidvaccines` vac
   ON death.location = vac.location
   AND death.date = vac.date
 WHERE death.continent IS NOT NULL
)
```

```sql
SELECT *,(Rollingpeoplevaccinated / population)*100
FROM popVSvac

/* Create temp table*/
CREATE TEMP TABLE PercentagepopulationVaccinated (
 continent STRING,
 location STRING,
 date TIMESTAMP,
 population NUMERIC,
 new_vaccination NUMERIC,
 Rollingpeoplevaccinated NUMERIC
)

/*Creating view*/
DROP TABLE IF EXISTS
portfolio-project-415807._fd7ab0f73bc5882a203ecf7f5be2aadff7f6d36f._3cd0f4f7_7196_4d7f
_9cde_0a416ca0e30e_PercentagepopulationVaccinated;
CREATE VIEW
portfolio-project-415807._fd7ab0f73bc5882a203ecf7f5be2aadff7f6d36f._3cd0f4f7_7196_4d7f
_9cde_0a416ca0e30e_PercentagepopulationVaccinated
AS
WITH popVSvac AS (
 SELECT death.continent, death.location, death.date, death.population,
vac.new_vaccinations,
   SUM(CAST(vac.new_vaccinations AS INT)) OVER
     (PARTITION BY death.location
       ORDER BY death.location, death.date) AS Rollingpeoplevaccinated
 FROM `covid2019-415202.Covid2019.CovidDeaths` death
 JOIN `covid2019-415202.Covid2019.Covidvaccines` vac
   ON death.location = vac.location
   AND death.date = vac.date
 WHERE death.continent IS NOT NULL
)
SELECT *,(Rollingpeoplevaccinated / population)*100 AS PercentagePeopleVaccinated
FROM popVSvac
```