SELECT \*

FROM `covid-d-336012.covid\_data.covid`

where continent is not null

order by date,location ;

## selecting data that we need

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

FROM covid-d-336012.covid\_data.covid

where continent is not null

ORDER BY 2,3

## looking for most infected country

SELECT distinct location,max(total\_cases) as maximum\_virus\_count ,population,max((total\_cases/population))\*100 as max\_case\_percentage

FROM covid-d-336012.covid\_data.covid

where continent is not null

group by location, population

ORDER BY max\_case\_percentage desc

## looking for country with highest death count

SELECT distinct location,max(cast(total\_deaths as int)) as Total\_deaths

FROM covid-d-336012.covid\_data.covid

where continent is not null

group by location

ORDER BY Total\_deaths desc

## lets look this data according to continents

SELECT continent,max(cast(total\_deaths as int)) as Total\_deaths

FROM covid-d-336012.covid\_data.covid

where continent is not null

group by continent

ORDER BY Total\_deaths desc

## looking for total deaths over total cases in India

SELECT location,date,total\_cases,total\_deaths,(total\_deaths/total\_cases)\*100 as death\_percentage

FROM covid-d-336012.covid\_data.covid

WHERE location = 'India'

And continent is not null

ORDER BY 1,2

## looking for total case in respect of population in india

SELECT location,date,total\_cases,population,(total\_cases/population)\*100 as case\_percentage

FROM covid-d-336012.covid\_data.covid

WHERE location = 'India'

And continent is not null

ORDER BY 1,2

## looking for total number of new cases and new deaths in india on every new day

select date,sum(new\_cases)as New\_case, sum(new\_deaths) as New\_deaths,

from covid-d-336012.covid\_data.covid

where location = 'India'

group by date

order by 1,2

## looking vaccination data

select \*

from covid-d-336012.covid\_data.covid\_vaccination

## selecting data that we need

SELECT location,date, new\_tests,total\_tests, positive\_rate, total\_vaccinations,people\_vaccinated ,people\_fully\_vaccinated

from covid-d-336012.covid\_data.covid\_vaccination

where continent is not null

order by date,location

## joining both tables for further analysis

SELECT covid.location, covid.continent, covid.date, covid.population,covid\_vaccination.total\_vaccinations, covid\_vaccination.people\_fully\_vaccinated, covid\_vaccination.total\_tests, covid\_vaccination.new\_tests

FROM covid-d-336012.covid\_data.covid

Join covid-d-336012.covid\_data.covid\_vaccination

ON covid.location = covid\_vaccination.location

AND covid.date = covid\_vaccination.date

WHERE covid.continent is not null

## looking for most vaccinated country

SELECT distinct covid.location, covid.continent, covid.population, max(covid\_vaccination.total\_vaccinations) as total\_vaccinated\_population,

max((covid\_vaccination.total\_vaccinations/covid.population))\*100 as percentage\_vacc\_population

FROM covid-d-336012.covid\_data.covid

Join covid-d-336012.covid\_data.covid\_vaccination

ON covid.location = covid\_vaccination.location

WHERE covid.continent is not null

group by covid.location , covid.continent, covid.population, covid.date

order by covid.location

## looking vaccination data for india

SELECT covid\_vaccination.location, covid\_vaccination.date,covid.population , covid\_vaccination.total\_vaccinations,covid\_vaccination.people\_fully\_vaccinated

FROM covid-d-336012.covid\_data.covid

Join covid-d-336012.covid\_data.covid\_vaccination

ON covid.location = covid\_vaccination.location

where covid\_vaccination.location = 'India'

and covid\_vaccination.continent is not null

order by 2,3

## looking for covid testing data in india

SELECT distinct covid\_vaccination.date, covid\_vaccination.location,covid.population , covid\_vaccination.new\_tests, covid\_vaccination.total\_tests

FROM covid-d-336012.covid\_data.covid

Join covid-d-336012.covid\_data.covid\_vaccination

ON covid.location = covid\_vaccination.location

where covid\_vaccination.location = 'India'

order by covid\_vaccination.date