

# Covid Project

In this project we will find population affected by covid and the death percentage in each country using SQL and use for data visualization using Tableau.

## SQL

Downloading the data from source and importing it in SQL server

Database name: Covid Project

Table names: CovidVaccinations, CovidDeaths

-- Looking at data

```
Select *  
from [Covid Project]..CovidDeaths
```

-- Finding Death\_Percentage

```
Select Location, date, total_cases, new_cases, total_deaths,  
(total_deaths/total_cases)*100 as Death_Percentage  
from [Covid Project]..CovidDeaths  
order by 1,2
```

---highest infection against population

```
Select Location, Max(total_cases) as highest, population,  
Max((total_cases/population))*100 as Infectedpop_Percentage  
from [Covid Project]..CovidDeaths$  
where continent is not null  
group by location,population  
order by 4 desc
```

---- highest deaths reported

```
Select Location, Max(cast(total_deaths as int)) as Deaths, population  
from [Covid Project]..CovidDeaths$  
where continent is not null  
group by location,population  
order by 2 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 [Covid Project]..CovidDeaths$  
where continent is not null  
order by 1
```

### Total deaths per continent

```
Select location, sum(cast(new_deaths as int)) as TotalDeathCount  
From [Covid Project]..CovidDeaths$  
where continent is not null  
and location not in ('World' , 'European Union' , 'International')  
Group by location  
order by TotalDeathCount desc
```

## Percent Population Infected per country

```

Select Location, Population, MAX(total_cases) as HighestInfectionCount,
Max((total_cases/population))*100 as PercentPopulationInfected
From [Covid Project]..CovidDeaths$
Group by Location, Population
order by PercentPopulationInfected desc
    
```

## Tableau dashboard

