**--Shows what percentage of population got covid**

Select location,date,total\_cases,Population,(total\_cases/population)\*100 as DeathPercentage  
From PortfolioProject..CovidDeaths$  
where location like '%India%'  
order by 1,2

**-- Showing Continents with the highest death count**

Select Location, Max(cast(Total\_deaths as int)) as TotalDeathCount  
from PortfolioProject..CovidDeaths$  
where continent is null  
group by location, population  
order by TotalDeathCount 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 PortfolioProject..CovidDeaths$  
where continent is not null   
order by 1,2

**-- Total Population vs vaccinations  
-- USE of CTE**

With PopvsVac (continent, location, date, population, new\_vaccinations, rolling\_vaccination)  
AS  
(  
Select dea.continent, dea.location, dea.date, dea.population, vac.new\_vaccinations,   
    sum(Convert(int,vac.new\_vaccinations)) over (Partition by dea.location order by dea.location, dea.date) as rolling\_vaccination  
From PortfolioProject..CovidDeaths$ dea  
Join PortfolioProject..CovidVaccinations vac  
on dea.location = vac.location and  
dea.date =vac.date  
where dea.continent is not null  
--order by 2,3  
)

Select \*, (rolling\_vaccination/population)\*100 Rollvacpercentage  
from PopvsVac

**-- TEMP TABLE**

Drop Table if exists #percentpopulationvaccinated   
Create Table #percentpopulationvaccinated   
(  
Continent nVarchar (255),   
Location nVarchar (255),  
Date datetime,  
Population numeric,  
New\_vaccinations numeric,  
rolling\_vaccination numeric   
)

**Insert Into #percentpopulationvaccinated**

Select dea.continent, dea.location, dea.date, dea.population, vac.new\_vaccinations,   
    sum(Convert(int,vac.new\_vaccinations)) over (Partition by dea.location order by dea.location, dea.date) as rolling\_vaccination  
From PortfolioProject..CovidDeaths$ dea  
Join PortfolioProject..CovidVaccinations vac  
on dea.location = vac.location and  
dea.date =vac.date  
where dea.continent is not null  
--order by 2,3

Select \*, (rolling\_vaccination/population) \* 100  
from #percentpopulationvaccinated

**-- Creating Data to store visualisations for later**

Create View PercentPopulationVaccinated AS   
Select dea.continent, dea.location, dea.date, dea.population, vac.new\_vaccinations,   
    sum(Convert(int,vac.new\_vaccinations)) over (Partition by dea.location order by dea.location, dea.date) as rolling\_vaccination  
From PortfolioProject..CovidDeaths$ dea  
Join PortfolioProject..CovidVaccinations vac  
on dea.location = vac.location and  
dea.date =vac.date  
where dea.continent is not null  
--order by 2,3