

Covid Deaths SQL Document

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WorldWide Cases and Deaths Percentage

```
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 null  
--GROUP BY location  
ORDER BY 1,2
```

	Total_Cases	Total_Deaths	DeathPercentage
1	2496682056	22143553	0.886919219320892

Total Death Counts by continent

```
select continent, MAX(cast(total_deaths as int)) as TotalDeathCount  
from PortfolioProject..CovidDeaths  
--where location like '%United Kingdom%'  
Where continent is not null  
group by continent  
order by TotalDeathCount desc
```

	continent	TotalDeathCount
1	North America	1127152
2	South America	704659
3	Asia	532034
4	Europe	400077
5	Africa	102595
6	Oceania	23188

Infection Rate to Population Per Country

```
select location, population, max(total_cases) as HighestInfectionCount,  
max((TRY_CAST(total_cases AS NUMERIC(10, 2)) / NULLIF(TRY_CAST(population AS  
NUMERIC(10, 2)), 0))) * 100.0 AS PercentPopulationInfected  
from PortfolioProject..CovidDeaths  
--where location like '%United Kingdom%'  
where continent is not null  
group by location, population  
order by PercentPopulationInfected desc
```

*For the table, refer to the 'Infection Rate to Population Per Country' Excel Document

countries with highest infection rate compared to population with
dates

```
select location, population, date, max(total_cases) as HighestInfectionCount,  
max((TRY_CAST(total_cases AS NUMERIC(10, 2)) / NULLIF(TRY_CAST(population AS  
NUMERIC(10, 2)), 0))) * 100.0 AS PercentPopulationInfected  
from PortfolioProject..CovidDeaths  
--where location like '%United Kingdom%'  
-- where continent is not null  
group by location, population, date  
order by PercentPopulationInfected desc
```

*For the table, refer to 'Infection Rate to Population Per Country with Dates' Excel Document