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

A screenshot of a computer

Description automatically generated

# 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

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# 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